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List of Coccoidea (Homoptera) of China
中國介殼蟲總科(同翅目)名錄

Compiled by
Charles Chia-chu Tao
陶家駒 編著

Published by
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Wufeng, Taichung, Taiwan. R.O.C.
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Introduction

The well known Pe La (white wax scale) was first described as *Coccus pela* by Chavannes,1848 in Ann. Soc. Ent. Fr. 2, 4:144. There after up to 1935 Prof Chen-fu Wu of Yen-chin University published Catalogue of Chinese Insects in Volume 2 recorded 7 subfamilies 168 species. Most of them were studied by Maskell, 1897, Marlatt, 1909, Ferris,1921, Silvestri, 1929, Kuwana, 1929, and Takahashi 1921-1940, Takagi 1970 but only 5 species were described by Chinese Coccidologist Prof. F. G. Chen, and I. Chou. After World War 2 Ferris and of Civil War Borchsenius both of American and Russian Coccidologists went to Yunnan Province of China collected and studied. The results was compiled by Director and Coccidologist P. L. Young of Shanghai Entomology Research Institute of Academia Sinica, in 1982, totally 14 families 204 genera 661 species.

Hereafter, Prof. I. Chou of Shaanxi University, Monograph of Chinese Diaspidae in 1984; Prof. F. T. Tang of Shanxi University, Monograph of Chinese Coccoidae in 1991, Monograph of Chinese Pseudococcidae in 1992 and Monographs of Chinese Margarodidae and others (coworker with J. J. Hao) in 1995 as well as other over 10 Chinese Coccidologists studied since 1984 and upto the end of 1995, there are 14 families, 274 genera and 988 species recorded in below.

Family Monophlebidae

1. Genus *Crypticerya* Cockerell, 1895

Crypticerya Cockerell,1895, Psyche (1894-1896) (suppl.) 7: 15. Type species: *Icerya rosae* Riley and Howard, 1890.

1. *Crypticerya jakobsoni* (Green, 1912)

Tijdschr. Ent. 55: 316, Icerya.

Distr.: Guangdong, Hongkong, Honan. Java.

Host: *Citrus*, *Canarium pimmela*, *Dombeya acutanguia*.

2. *Cryticerya mangiferae* Tang, 1995

The Margarodidae and others of China: 151.

Distr.: Yunnan.

Host: *Mangifera indica*.

2. Genus *Drosicha* Walker, 1858

Drosicha Walker, 1858, List of the Specimens of Homopterous Insects in the Collection of the British Museum. Supplement: 306. Type species: *Drosicha contrahens* Walker, 1858 Syn.: *Cockerelliella* Macgillivray, 1921; *Greeniella* MacGillivray, 1921: *Greenacoccus* MacGillivray, 1921; *Pericerya* Silvestri, 1934; *Warajicoccus* Kuwana , 1922; *Rhizobius* Buckton, 1883.

3. *Drosicha contrahens* Walker, 1858.

Czt. Br. Mus. Hom. 4. Suppl. 1: 306.

Distr.: Jilin, Liaoning, Shaanxi, Hebei, Shandong, Jiangsu, Fujian, Taiwan, Zhejiang, Sichuan, Yunnan. Sri-Lanka.

Host: *Malus pumila*, *Persea gratissima*, *Pyrus communis*.

4. *Drosicha corpulenta* (Kuwana, 1902)

Pap. Calif. Ac. 3: 46, pl.7, figs.1-3, Japan. *Monophlebus*.

Distr.: Liaoning, Inner Mongolia, Shaanxi, Xingjiang, Shanxi, Shandong, Beijing, Hubei, Anhui, Jiangsu, Jiangxi, Fujian, Hunan, Sichuan, Yunnan, Xizang. Japan, Korea, Former USSR.

Host: *Elaeagnus*, *Malus pumila*, *Quercus monogolica*.

5. *Drosicha dalbergiae* (Green, 1902)

Ind. Mus. Notes 5: 101, *Monophlebus*.

Distr.: Taiwan.

6. *Drosicha maskelli* (Cockerell,1897)

The Nomenclature of the Monophlebine , Coccidae, Science (n.s.) 15: 717, *Monophlebus*.

Distr.: Hebei, Guangdong, Taiwan. Japan, Java.

Host: *Ficus retusa*, *Gardenia florida*, *Malus pumila*, *Pinus*.

7. *Drosicha turkestanicae* Archangelskii, 1931

Plant Prot. 7: 69, figs.

Distr.: Liaoning, Xinjiang. Turkestan.

Host: willow.

3. Genus *Icerya* Signoret, 1875

Icerya Signoret, 1875, Soc. Ent. de France Ann. (Bull. Ent.) (ser. 5) 4: cclviii, 1875; Soc. Ent.

de France Ann. (ser. 5) 5: 350-351. Type species: (*Coccus sacchari* Guerin-Meneville, 1867) = *Drosicha seychellarum* Westwood, 1855. Syn.: *Proptoicverya* Cockerell, 1895; *Crosotosoma* Douglas, 1890; *Newsteafdia* Macgillivray, 1921; *Petricerya* Silvestri, 1934.

8. *Icerya aegyptica* (Douglas, 1890)

Distr.: Taiwan, Guangdong, Hongkong. India, Sri-Lanka, Australia, Egypt, Japan, Tropical Asia, Africa.

Host: *Aristolochia saccata*, *Citrus*, *Cinnamomum camphora*, *Croton*, *Ficus*, *Goodenia ovata*, *Ltichi chinensis*, *Morus alba*, *Punica granatum*,

9. *Icerya formicarsum* Newstead, 1897

Ent. Monthly. Maganzie 33: 169.

Distr.: Taiwan, Hongkong.

10. *Icerya morrisoni* Probhaker Rao, 1951

Ind. J. Ent. 12; 64.

Distr.: China, Philippine.

Host: *Listea glustosa*.

11. *Icerya purchasi* Maskell, 1878

Trans. N. Z. Inst. 11: 221.

Distr.: Inner Mongolia, Shaanxi, Henan, Hebei, Shandong, Hubei, Jiangsu, Zhejiang, Fujian, Taiwan, Guangdong, Hongkong, Hainan, Hunan, Guangxi, Jiangxi, Yunnan, Xizang. India, Sri-Lanka, Singapore, Fiji, New Zealand, S. Africa, Sandwich Is., Portugal, Trinidad, Mexico, U. S. A., Japan, Philippines, Former USSR, W. Europe.

Host: *Acacia*, *Astragalus sinicus*, *Camellia sinensis*, *C. japonica*, *Cinnamomum camphora*, *Citrus*, *Malus pumila*, *Cyperus*, *Datura stramonium*, *Eucalyptus*, *Ficus carica*, *Hedera*, *Osmanthus fragrans*, *Prunus persica*, *Plantago asiatica*, *Pinus*, *Pinellia ternata*, *Pittosprum*, *Rhodomyrtus tomentosa*, *Rosa*, *Trachycarpus fortunei*, *Sophora japonica*,

12. *Icerya seychellarum* (Westwood, 1855)

Gard. Chron: 830. *Dorthesia*.

Distr.: Guangdong, Hongkong, Jiangxi, Fujian, Taiwan, Hunan, Guangxi, Sichuan, Yunnan, Xizang, Hebei. Japan, Tropical, Subtropical Countries.

Host: *Areca cathecu*, *Citrus*, *Eriobotrya japonica*, *Rosa*, *Saccharum officinarum*, *Phoenix*, *Podocarpus*, *Psidium guajava*.

4. Genus *Lecanodrosicha* Takahashi, 1930

Lecaniodrosicha Takahashi, 1930, Formosa Govt. Res. Inst. Dept. Agr. Rpt. 48: 29-30. Type species: *Lecaniodrosicha lithocarpi* Takahashi, 1930.

13. *Lecaniodrosicha lithocarpi* Takahashi, 1930

Dept. Agr. Gov. Res. Inst. Formosa Rep. 48: 30, figs.

Distr.: Taiwan.

Host: *dysoxylum*, *Lithocarpus*.

5. Genus *Misracoccus* Rao, 1950

Misracoccus Rao, 1950, Roy. Ent. Soc., London, Proc. Ser. B: Taxonomy 19: 115. Type species: *Lophococcus convexus* Morrison, 1920.

14. *Misracoccus xyliae* (Ayyar, 1929)

Aspidoproctusxyliae 1929 : 69.

Perissopneumon xyliae, Morrison, 1928 U. S. D. A.Tech Bull. 52: 227.
Distr.: Yunnan.

6. Genus *Sishania* Ferris, 1950

Sishania Ferris, 1950: Microentomology 15: 12. Type species: *Sishania nigropilata* Ferris, 1950

15. *Sishania flavopilata* Tang, 1995
The Margarodidae and others of China: 144.
Distr.: Yunnan.

16. *Sishania nigropilata* Ferris, 1950
Microentomology 15: 13.
Distr.: Yunnan.
Host: *Prunus pseudocerasus*.

Family Margarodidae

7. Genus *Kuwania* Cockerell, 1903

Kuwania Cockerell, 1903, in Fernald, Mass, Agr, Expt. Sta. Spec. Bull. 88: 32. Type species: *Sasakia quercus* Kuwana, 1902.

17. *Kuwania bipora* Borchsenius 1960
Ent. Obozr.39: 915, fig.
Distr.: Yunnan. India, Philippines, Japan.
Host: *Betula*, *Camellia sinensis*, *Castanea*, *Citrus*, *Diospyros kaki*, *Mangifera indica*, *Morus alba*, *Sinomenium acutum*, *Prunus persica*, *Pterocarpus stenptera*, *Punica granatum*, *Quercus*.

18. *Kuwania pasaniae* Borchsenius, 1960
Ent. Obozr 39: 914, fig.
Distr.: Yunnan.
Host: Pasania.

19. *Kuwania quercus* (Kuwana, 1902)
Proc. Calif. Ac. Sci. 3: 47, pl. figs. 4-9, *Sasakia*.
Distr.: Taiwan, Yunnan.
Host: *Cyclobalanopsis glauca*, *Dysoxylum*, *Quercus alisana* ◦

20. *Kuwania zeylanica* Green, 1896
Ind. Mus. Notes 4: 6.
Distr.: Sichuan, Xizang. Ceylon.
Host: *Osmanthus* sp.

8. Genus *Matsucoccus* Cockerell, 1909

Matsucoccus Cockerell, 1909 Canad. Ent. 41: 56. Type species: *Xylococcus matsumurae* Kuwana, 1905. Syn.: *Americoccus* Macigillivray, 1921; *Sonsaucoccus* Young, 1980.

21. *Matsucoccus dahuriensis* Hu & Hu, 1981.
Forest Science 17 (2): 178-179.
Distr.: Heilongjiang.
Host: *Pinus sylvestri*.

22. *Matsucoccus koraiensis* Young and Hu, 1976
Acta Entomologica Sinica 19 (2): 199-204.
Distr.: Heilongjiang. Former USSR.
Host: *Pinus koraiensis.*

23. *Matsucoccus massonianae* Young and Hu, 1976
Acta Entomologica Sinica 19 (2): 199-204
Dist.: Anhui, Jiangsu, Zhejiang.
Host: *Pinus massoniana.*

24. *Matsucoccus matsumurae* (Kuwana, 1905)
Tokyo Bull. Imp. Agric. Exp. St.1: 209-212, pl., *Xylococus.*
Syn. *Matsucoccus insignis* Borchsenius, 1955; *M. liaoningensis* Tang, 1978.
Distr.: Liaoning, Shandong, Jiangsu, Anhui, Zhejiang, Jiangxi. Japan, Korea.
Host: *Pinus densiflora, P. massoniana, P. tabulaeformis.*

25. *Matsucoccus shennongjiaensis* Young and Lu, 1987
Contr. Shanghai Inst. Entomol. 6: 195.
Distr.: Hubei.
Host: *Pinus armandi.*

26. *Matsucoccus sinensis* Chen, 1937
Ent. and Phytopath. 5: 382.
Distr.: Zhejiang, Kiangsu,Guizhou,Guixhou, Shaanxi.
Host: *Pinus tabulaeformis, P.thunbergi, P. massoniana.*

27. *Matsucoccus yunnanensis* Ferris, 1950
Microentomology 15: 12.
Distr. Yunnan.
Host: *Pinus yunanensis.*

28. *Matsucoccus yunnansonsaus* (Young and Hu, 1980)
Contr. Shanghai Inst. Entomol. 1: 186, *Sansaucoccus.*
Distr.: Yunnan.
Host: *Pinus yunnanensis.*

9. Genus *Neogreenia* MacGillivray, 1921

Neogreenia MacGillivray, 1921, The Coccidae: 474. Type species: *Monophlebus zeylanicus* Green, 1896. Syn.: *Neogreenia* Macgillivray, 1921.

29. *Neogreenia zizyphi* Tang, 1995
The Margarodidae and others of China: 82.
Distr.: Shanxi.
Host: *Zizyphus sativa.*

10. Genus *Neomargarodes* Green, 1914

Neomargarodes Green, 1914, Novitates Zool. 21: 263. Type species: *Neomargarodes erythrocephala* Green, 1914.

30. *Neomargarrodes chondrillae* Archangelskaia, 1935
Pub. Com. Sci. Uzbek. SSR. Tashkent. :24.
Syn.: *Neomargarodes gossypii* Yang, 1979.
Distr.: Hebei, Shandong.
Host: *Cucumis, Gossypium, Glycine max, Ricinus communis, Rumex acetosa, Sorghum vulgare, Phaseolus radiatus, Ipomoea batatas, Zea mays.*

31. *Neomargarodes curcubitae* Tang, 1955

The Margarodiddae and others of China: 33.
Distr. Xinjian.
Host: *Curcubita melonaeformis*

32. *Neomargarodes nigra* (Green, 1912)

Rec. Ind. Mus. 71: 75, *Margarodes*.
Distr: Yunnan. India.
Host: *Prunus*.

11. Genus *Porphyrophora* Brandt and Ratz, 1833

Porphyrophora Brandt, 1833, in Brandt and Ratzeburg, Medizinische Zoologie oder getreue Darstellung und Beschreibung der Thiere, die in der Arzeneimittellehre in Betracht kommen, in systematischer Folge 2: 355. Type species: *Porphyrophora frischii* Brandt, 1833. = *Coccus polonicus* Linnaeus, 1758. Syn.: *Coccionella* Hahnemann, 1793.

33. *Porphyrophora polonica* (Linnaeus, 1758)

Syst. Nat. Ed. 10,1; 456, *Coccus polonicus*.
Syn: *Coccus alchimillae* Walker, 1852; *C. radicum* Beckman, 1790; *C. hypericornis*, Gmel. 1789; *C. hyperici* Pallas, 1771; *C. potentilliae* Meyer, 1779; *C. poterii* Walker, 1852; *Porphyrophora frischero*, Brandt, 1833; *P. gallica* Signorett, 1875; *P. perrisii* Signoret, 1875; *Margarodes boxtoni* Newstead, 1917; *M. bolivari* Bala, 1935; *M. buxtoni crithmei* Goux, 1938; *M. buxtoni madraguensis* Goux 1946.
Distr.: Inner Mongolia.
Host: *Caragana korshinskii*.

34. *Porphyrophora sophorae* (Archanhgelskaia, 1935)

Pub. Com. Sci. Uzbek. SSR. Tashkent. 12 *Margarodes*
Syn.: *Porphyrophora ningxiana* Yang, 1979; *P. xinjiangana* Yang, 1979.
Distr.: Ningxia, Xijiang.
Host: *Glycyrrhiza*, *Hedysarum scoparium*, *Sophora japonica*.

35. *Porphyrophora ussuriensis* Borchsenius, 1949

Akad. Nauk. Zool. Inst. (n. s. 38) 7, 337.
Distr.: Inner Mongolia.
Host: *Cleistogene*.

12. Genus *Promargarodes* Silvestri, 1938

Promargarodes Silvestri, 1938, Notes d'Ent. Chionoise 5: 21. Type species: *Promargarodes sinensis* Silvestri, 1938. Syn.: *Coccionella* Gmelion, 1766.

36. *Promargarodes sinensis* Silvestri, 1938

Notes Ent. chine Mus. Heude 5:22, fig.
Distr. Fujian ,Hubei.

13. Genus *Steingelia* Nassanov, 1908

Steingelia Nassanov, 1908, Mus. Zool. de l'Acad. Imp. Sci. St. Petersbourg Ann. 13: 345. Type species: *Steingelia gorodetskia* Nassanov, 1908.

37. *Steingellia gorodetskia* Nassanow, 1908

St. Peterburg Ann. Mus. Zool. 13: 345.
Syn.: *Steingellia orientalis* Borchsenius, 1949;*Kuwania britannica* Green, 1914.

Distr.: Yunnan, Heilongjiang.
Host: *Pinus koraiensis*.

Family Ortheziidae

14. Genus *Newsteadia* Green, 1902

Newsteadia Green, 1902, Ent. Monthly Mag. 38: 285. Type species: *Coccus floccosus* De Geer, 1778.

38. *Newsteadia chipena* Shiau, 1990
Master Thesis of Nat. Univ. of Taiwan: 55.
Distr. Taiwan.

39. *Newsteadia mauritiana* Mamet, 1943
Bull. Ent. Res. 34: 117.
Distr. Taiwan.

40. *Newsteadia pinicola* Shiau, 1990
Master Thesis of Nat. Univ. of Taiwan: 60.
Distr.: Taiwan.

15. Genus *Nipponorthezia* Kuwana, 1916

Nipponorthezia Kuwana, 191 Annot. Zool. Jap. 9: 150. Type species: *Nipponorthezia ardisiae* Kuwana, 1916.

41. *Nipponorthezia ardisiae* Kuwana, 1916
Annot. Zool. Japan. 9: 145-152.
Distr.: Taiwan, Japan, Korea.

16. Genus *Orthezia* Bosc d'Antic, 1784

Orthezia Bosc d'Antic, 1784, Jour. de Phys. 24 (1): 171-173. Type species: (*Orthezia characias* Bosc d'Antic, 1784) = *Aphis urticvae* Linnaeus, 1758

42. *Orthezia insignis* Douglas 1887
Journ. Quekett Micr. Club: 169.
Distr.: Jiangxi, Hunan, S. China. England, Africa, America.
Host: Artemisia, Camellia oleifera ,Dendranthema, Populus,

43. *Orthezia quandra* Ferris, 1950
Microentomology 15: 13,fig.
Distr.: Yunnan.
Host: *Ambrosia* sp., *Artemisia*.

44. *Orthezia urticae* (Linnaeus, 1776)
Syst. Nat.Ed. 12,11: 763, *Aphis*.
Distr.: Inner Mongolia, Ningxia, Yunnan, Xizang. England, USSR, Japan.
Host: *Acacia*, *Artemisia scoparia*, *Dendranthema*, *Solidago* sp.

45. *Orthezia yasushii* Kuwana, 1923
Imp. Pl. Quar. St. Japan Bull. 3: 58, fig.
Distr.: Shanxi, Taiwan, Japan, Korea.
Host: *Artemisa capillaris*.

17. Genus *Ortheziola* Sulc, 1895

Ortheziola Sulc, 1895, K. Bohmisch. Gesell. der Wiss. Sitzber. (1894) no. 44: 1,5. Type species: *Ortheziola vejdovskyi* Sulc, 1895.

46. *Ortheziola fusiana* Shiau, 1990

Master Thesis of Nat. Univ. of Taiwan, Inst. of Ent. & Phytopathology: 71.
Distr.: Taiwan.

47. *Ortheziola taipensiana* Shiau, 1990

Master thesis of Nat. Univ. of Taiwan, Inst. of Ent. & Phytopathology: 74.
Distr: Taiwan.

18. Genus *Xenococcus* Silvestri, 1924

Xenococcus Silvestri, 1924, Indian Mus. Rec. 26: 311-312. Type species: *Xenococcus annandalei* Silvestri, 1924.

48. *Xenococcus annandalei* Silvestri, 1924

Rec. Ind. Mus. 2: 312.
Distr.: Hongkong, Madras.
Host: *Ficus*, accompanied with ants.

Family Pseudococcidae

19. Genus *Allotrionymus* Takahashi, 1957

Allotrionymus Takahashi, 1958 Univ. Osaka (Prefecture) Bull. (ser. B) (1957) 7:4-5. Type species: *Allotrionymus clongatun* Taxahashi , 1957.

49. *Allotriomynus plurostiolatus* (Borcksenius, 1962)

Trudy Zool. Inst. Akad. Nauk. SSR 30: 230, fig., *Trionymus*.
Distr.: Yunnan.
Host: Gramineae.

20. Genus *Amonostherium* Morrison and Morrison 1922

Amonostherium Morrison and Morrison, 1922. U.S. Natl. Mus. Proc. 60. Art. 12 (No. 2407): 48. Type species: *Dactylopius lichtensiodes* Cockerell, 1897..

50. *Amonosthrium prionoides* Wang, 1976

Acta Ent. Sin. 19 (3): 272; Economic Insect Fauna 24: 23.
Distr.: Sichuan, Xizang.
Host: *Artemisia*, *Camellia sinensis*, *Styrax*, *Thea drupifera*.

21. Genus *Anaparaputo* Borchsenius, 1962

Ananaparato Borchsenius, 1962, Akad. Nauk. SSSR Zool. Inst. Trudy 30: 224. Type species: *Anapapaputo liui* Borchsenius, 1961.

51. *Anaparaputo liui* Borchsenius, 1962.

Trudy Zool. Inst. Akad. Nauk. SSR 30: 224, figs.
Distr.: Yunnan.
Host: Ficus

22. Genus *Antonina* Signoret, 1875

Antonia Signoret, 1875, Soc. Ent. de France Ann.)ser. 5): 24.Type species: *Antonina purpurea* Signoret, 1872.

52. *Antonina crawii* Cockerell, 1900

Psyche 9: 70.

Syn.: *Antonina socilis* Newstead, 1901.

Distr.: Shaanxi, Hubei, Anhui, Beijing, Jiangsu, Zhejiang, Jiangxi, Taiwan, Guangdong, Hunan, Guangxi, Sichuan, Yunnan, Xizang. Japan, Korea, Hawaii, U. S. A., France, URSS.

Host: *Bambusa*.

53. *Antonina elongata* Tang, 1992

Pseudococcidae of China: 593.

Distr.: Fujian, Zhejiang.

Host: Living in ant nest.

54. *Antonina graminis* (Maskell, 1897)

Psyche 9:70, *Sphaerococcus*.

Syn.: *Antonina indica* Green, 1908; *A. littoralias* Cockerell et Bucker, 1930.

Distr.: Fujian, Taiwan, India, Japan, Tropical Asia.

Host: grass, *Phragmites*, *Saccharum officinarum*.

55. *Antonina pretiosa* Ferris, 1953

Atlas Scale Insects N. Amer. 6: 298, fig.

Distr.: Inner Mogolia, Jiangxi, Fujian, Guangdong, Sichuan, Shanxi, Yunnan, Xizang. America.

Host: *Bambusa*, *Sasa tessellata*.

56. *Antonina vera* Borchsenius, 1956

Ent. Obozr 35: 675, 679, figs.

Distr.: Inner Mongolia.

Host: *Cleistogenes squerrosa*.

23. Genus *Atrococcus* Goux 1941

Atrococcus Goux, 1941 Mus. d'Hist. Marseille Bull. {n.v. (v.1?] (1): 69. Type species: *Atrococcus melanovirens* Goux, 1941.

57. *Atrococcus innermongolicus Tang*, 1988

Observations of Scale Insects of Inner Mongolia: 30.

Distr.: Inner Mongolia.

Host: *Artemisia scoparia*.

58. *Atrococcus pacificus* (Borchsenius, 1949)

Fn. URSS Hom. 7: 119, *Pseudococcus*.

Distr.:Ningxia.

Host: *Malus pumila*

59. *Atrococcus paludinus* (Green, 1921)

Ent. Mon. Mag. 57: 109, figs., *Pseudococcus*

Syn.: *Pseudococcus alfredi* Rasnya, 1960; *Pseudococcus impeditus* Borchsenius, 1949.

Distr.:Inner Mongolia.

Host: *Leppula intermedia*

24. Genus *Brevennia* Goux, 1940

Brevennia Goux, 1940, Soc. d'Hst. Nat. l'Afrique du Nord, Bul. 31: 58. Type species: *Brevennia tetrapora* Goux, 1940.

60. *Brevennia bambusae* (Green, 1922)

Coccidawe of Ceylon 5: 374, *Pseudococcus pulverius* subsp.*bambusae*
Distr.: Taiwan.
Host: *Bambusa stenostachya*, *Phleiobatus* sp.

61. *Brevenia rehi* (Lindingr, 1943)

Arbeten uber morphologische und taxonomische Entomologis aus Berlin 10: 152, .*Ripersia*.
Syn.: *Ripersia oryzae* Kuwana, 1907; *Heterococcus tunlei* Miller and McKenzie, 1907.
Distr.: Taiwan. other tropical region.
Host : *Oryza sativa*.

25. Genus *Cannococcus* Borchsenius, 1960,

Cannococcus Ent. Obozr. 39: 932. Type species: *Cannococcus cannicola* Borchsenius, 1960.

62. *Cannococcus cannicola* Borchsenius, 1960

Ent. Obozr 39: 932,938, fig.
Distr.: Yunnan.
Host: *Canna indica*, *Phragmites*

63. *Cannococcus guanduensis* (Borchsenius, 1958)

Ent. Oboz. 37: 159, 169, fig., *Pseudantonia*.
Distr.: Guangdong.
Host: Gramineae.

64. *Cannococcus ostiolata* (Borchsenius, 1958)

Ent. Obozr 41:591, 595, figs., *Psudantonina*.
Distr.: Zhejiang.
Host: *Phragmites*

26. Genus *Caulococcus* Borchsenius, 1960.

Caulococcus Borchsenius 1960 , Akad Nauk. Tadzh. SSR Dok. 3; 47. type species: *Phenacoccus angustatus* Borchsenius, 1949.

65. *Caulococcus ejinensis* (Tang, 1989)

Observations on the Coccoidea of Inner Mongolia: 50, *Phenoococcus*.
Distr.: Inner Mongolia.
Host: *Oxytropis glabra*.

66. *Caulococcus herbaceus* (Borchsenius, 1962)

Ent. Obozr. 41: 591, 595, figs. *Phenococus*.
Distr.: Yunnan.
Host: Gramineae.

67. *Caulococcus phenacoccoides* (Kiristshenko, 1932)

Acad. Sci. URSS Inst. Zool. Trav. 136, *Trionymus*.
Distr.: Inner Mongolia.
Host: *Olgaea leucophylla*.

27. Genus *Ceraputo* Sulc, 1898

Ceraputo Sulc, 1898, K. Bohnmisch. Gesell. der Wiss. Sitzber (1897) No. 66: 1.
Type species: *Ceraputo pilosellae* Sulc, 1898. Syn.: *Cococcous* Kanda, 1959; *Leococcus* Kanda, 1959.

68. *Ceroputo ferrisi* (Kiristshenko, 1936)
Rev. Ent. URSS 26: 140, fig. *Phenococcus.*
Distr.: Xinjiang.

28. Genus *Chaetococcus* Maskell, 1898

Chaetoococcus Maskell, 1898, New Zeal. Inst. Trans. and Proc. (1897) 30: 249. Type species: *Sphaerococcus bambusae* Maskell, 1896.

69. *Chaetococcus bambusae* (Maskell, 1898)
Trans. New Zealand Inst. 30: 249, *Sphaerococcus*
Distr: Hebei, Zhejiang, Guangdong, Taiwan, Sichuan, Yunnan, Xizang, Inner Mongolia, Hainan, Guangxi, Jiangsu, Fujian, Hunan, Hubei, Jiangxi. Tropical Asia, Micronesia, Japan, Hawaii, Africa.
Host: *Bambusa, Dendrocalamus, Gigantochloa.*

70. *Chaetococcus zontatus* (Green, 1919)
Ent. Mon. Mag. 55: 175, *Antonina.*
Distr.: Hainan, Jiangsu, Hubei, Hunan, Sichuan, Jiangxi, Yunnan. Philippines, Sri-Lanka.
Host: *Bambusa.*

29. Genus *Chnaurococcus* Ferris, 1950

Chnaurococcus Ferris, 1950, Atlas of the Scale Insects of North America (ser.) 5 [v.5]: 22, 40.
Type species: *Ripersia villosa* Ehrhorn, 1899.

71. *Chnaurococcus mongolicus* (Danzig, 1969)
Zool. Zh. 48: 1579, fig., *Euripersia.*
Distr.: Inner Mongolia.
Host: *Carex duriscula.*

30. Genus *Chorizococcus* McKenzie, 1960

Chorizococcus McKenzie, 1960, Hilgardia 29: 692. Type species: *Chorizococcus eilkeyi* McKenzie, 1960.

72. *Chorizococcus scorzomerae* Tang, 1992
The Pseudoccidae of China: 593.
Distr.: Inner Mongolia.
Host: *Artemisia scoparia, Scolozonerva divaricala, Olyaea leucophylla*

31. Genus *Coccidohystrix* Lindinger, 1943

Coccidohystrix Lindinger, 1943, Ztschr. der Wien. Ent. Gesell, 28: 218. Type species: *Echinococcus echinatus* Balachowsky, 1936. Syn.: *Centrococcus* Borchsenius, 1948; *Echinococcus* Balachowsky, 1936.

73. *Coccidohystrix insolitus* (Green, 1908)
Mem. Dept. Agric. Ind. 2: 26, *Phenococcus.*
Distr.: Guangdong.

32. Genus *Coccura* Sulc, 1908

Coccura Sulc, 1908, Klubu Prirod., Prostejove, Vest. (1907), p. 64. Type species: *Coccus comari* Kunow, 1880. Syn.: *Rosanococcus* Kanda, 1934; *Hemisphaeroccous* Borchsenius, 1934; *Tetruna* Sulc, 1912.

74. *Coccura convex* Borchsenius, 1949

Fn. URSS Hem. 7:302, fig.
Distr.: Inner Mongolia.
Host: *Spiraea salicifolia.*

75. *Coccura suwakoensis* (Kuwana et Toyota, 1915)

Insect World 19: 443, *Phenacoccus*
Syn.: *Hesphaococcus ussuri* Borchsenius, 1934; *Phenacoccus usssuriensis* Borchsenius, 1936; *P. prodigialis* Ferris, 1949.
Distr. Yunnan, Heilongjiang.
Host: *Prunus mume*, *Fraxinus manshuria.*

33. Genus *Coleococcus* Borchsenius, 1962

Coleococcus Borchsenius, 1962, Akad. Nauk. SSSR Zool. Inst. Trudy 30:240. Type species: *Coleococcus scotophilus* Borchsenius, 1962.

76. *Coleococcus scotophilus* Borchsenius, 1962

Trudy Zool. Inst. Acad Nauk SSSR 30: 240, figs.
Distr.: Yunnan.
Host: Gramineae

34. Genus *Crisicoccus* Ferris, 1950

Crisicoccus Ferris, 1950, Atlas of the Scale Insects of North Ameica (ser, 5) (v. 5): 22,45. Type species: *Dactynotus pini* Kuwana, 1902.

77. *Crisicoccus juniperus* (Tang, 1988)

Observations on the Coccoidea of Inner Mongolia in China: 42, *Planococcus.*
Distr.: Inner Mongolia.
Host: *Juniperus rigida.*

78. *Crisicoccus moricola* Tang, 1988

Observations on the Coccoidea of Inner Mogoloa in China: 39
Distr.: Inner Mongolia.
Host: *Morus alba.*

79. *Crisicoccus pini* (Kuwana, 1902)

Pap. Calif. Ac. 3: 54, figs. 36-38, *Dactylopius.*
Distr: Jilin, Liaoning, Ningxia, Hebei, Shandong, Jiangxi,Zhejiang, Taiwan, Hubei, Yunnan, Hunan, Xizang. N. America, Japan, Korea.
Host: *Pinus, Abies, Cunninghamia lanceolata.*

35. Genus *Drymococcus* Borchsenius, 1962

Drymococcus Borchsenius, 1962, Akad. Nauk SSSR Zool. Inst. Trudy 30: (221). Type species: *Drymococcus rhizophilus* Borchsenius, 1962.

80. *Drymococcus rhizophilus* Borchsenius, 1962

Trudy. Zool. Inst. Akad. Nauk SSSR 30: 221, figs.
Distr.: Yunnan.
Host :Quercus.

36. Genus *Dysmicoccus* Ferris, 1950

Dysmicoccus Ferris, 1950, Atlas of the Scale Insects of North America (ser.5) [v. 5] 22, 53.
Type species: *Dactylopius brevipes*, Cockerell,1893.

81. *Dysmicoccus boninsis* (Kuwana, 1909)
Jour. N. Y. Ent. Soc. 17: 161 *Dactylopius*.
Syn.: *Pseudococcus aegypticus* Hall, 1925; *Ps. heterospinus*_Green, 1923; *Ps. zeae* Kanda, 1913; *Trionymus taiwanus* Takahashi, 1932; *Vryburgia graminea* De Lotto, 1967.
Distr.: Jiangxi, Taiwan, Sichuan, Guangdong, Fujian, Guangxi.
Host: *Saccharum officinarum*.

82. *Dysmicoccus brevipes* (Cockerell, 1893)
Entomologist 26: 267, *Dactylopius*.
Syn.: *Pseudococcus ananassae* Kuwana, 1909; *Ps. bromeliae* Bouche, 1843; *Ps. cannae* Green, 1934; *Ps. palanensis* Kanda, 1933; *Ps. pseudobrevipes* Mamet, 1942; *Ps. longrostrialis* James, 1936.
Distr.: Qinghai, Jiangxi, Taiwan, Hongkong, Jiangsu, Guangxi, Yunnan, Guangdong, Xiang. Asia, Europe, America.
Host: *Ananas comosus*, *Camellia sinensis*, *Citrus*, *Morus alba*, *Saccharum offiicinarum*.

83. *Dysmicoccus cocotis* (Maskell, 1890)
New Zealand Inst. Trans. and Proc. 22: 149, *Dactylopius*.
Syn.: *Pseudococcus saipanensis* Shiraiwa, 1933.
Distr.: Guangdong. Fiji, Caroline Is.
Host: *Cocos nucifera*.

84. *Dysmicoccus dengwuensis* Ferris, 1954
Microentomology 19: 51, figs.
Distr.: Guangdong.
Host: *Olegaèa lonsonosonii*.

85. *Dysmicoccus innermongolicus* Tang, 1989.
Observations on the Coccoidea of Inner Mongolia: 38.
Distr.:Inner Mongolia.
Host: *Olgaea lomonossowii*.

86. *Dysmicoccus shintensis* (Takanashi. 1934)
Dept. Agric. Res. Inst. Formosa Rept. 63: 2, *Pseudococcus*.
Distr.: Taiwan.
Host: Gramineae.

87. *Dysmicoccus wistariae* (Green, 1923)
Ent. Mon. Mag. 59: 218, *Pseudococcus*.
Syn.: *Pseudococcus cuspidatae* Rau, 1937;Ps. *matsudensis* Kando, 1935; Ps. *piricola* Shiraiwa, 1935.
Distr.: Shandong.
Host: *Taxus cuspidata*.

37. Genus *Eumyrmococcus* Silvestri, 1926

Eumyrmococcus Silvestri, 1926 Portici R. Scuola Super. di Agr. Lab. Zool. Gen. e Agr. Bol. 18:

271. Type species: *Eumyrmococcus smithi* Silvestri, 1926.

88. *Eumyrmococcus smithi* Silvestri, 1924

Boll. Lab. Zool. Portici 18: 273.
Distr.: Guangdong, Jiaangsu, Taiwan. Japan.
Host: *Imperata* sp, *Saccharum officinarum*.

38. Genus *Euripersia* Borchsenius, 1948

Euripersia Borchsenius, 1948, Akad. Nauk SSSR Dok. (n.S. 61: 955. Type species: *Euripersia amnicola* Borchsenius, 1948. Syn.: *Phenacoccopsis* Borchsenius, 1948.

89. *Euripersia pennisetus* (Tang, 1988)

Observations on the Coccoidea of Inner Mongolia in China: 53, *Planococcus*.
Distr: Inner Mongolia.
Host: *Aneurolepidium chinense*.

90. *Euripersia tomlini* (Newstead, 1892)

Ann. and Mag. Nat. Hist. (ser. 9) 16: 525, *Ripersia*.
Syn.: *Phenacoccopsis agropyri* Borkhsewnius, 1949; *Phenacoccopsis nasononi* Borchsenius, 1949; *Phenacoccus bufo* Kiritishenkel, 1936; *Phenacoccus agropyri* Borchsenius, 1937; *Ripersia mesnili* Balachowsky, 1934.
Distr.: Inner Mongolia.
Host: grass.

39. Genus *Ferrisia* Fullaway. 1923

Ferrisia Fullaway, 1923, Hawaiierris. Ent. Soc. Proc. 5: 309, 311. Type species: *Dactylopius virgaus* Syn.: *Ferrisiana* Takahashi, 1929.

91. *Ferrisia virgata* (Cockerell, 1893.)

Entomologist 26: 178, *Dactylopius virgatus*.
Syn.: *Dactylopius cerciferus* Newstead, 1894; D. *dasylirii* Cockerell, 1896; D. *talini* Green, 1896; D. *virgatus* var. *farinosus* Cockerell 1893; D. v. var. *humilis* Cockerell, 1893;*Pseudococcus bicaudatus* Keuchenius 1915; *Ps. marchali* Vayssiere 1912; *Heliococcus malvastrus* Mc Daniel, 1962.
Distr.: Jiangxi, Fujian, Taiwan, Zhejiang, Guangdong, Hunan, Sichuan, Yunnan, Xizang, Guangxi. Asia, America.
Host: *Asparagus cochinchinensis*, *Coffea arabica*, *Cocos nucifera*, *Citrus*, *Morus alba*, *Nerium indicum*, *Nicotiana tabacum*.

40. Genus *Ferrisicoccus* Ezzat and McConnell, 1956

Ferrisicoccus Ezzat and McConnell, 1956, Md. Agr. Expt. Sta. Bull. A-84: 13: 31. Type species: *Ferrisicoccus angustus* Ezzat and McConnell, 1956.

92. *Ferrisicoccus angustus* Ezzat and McConnell, 1956

Bull. Md. Agric. Expt. Sta. A. 84: 31, 34.
Syn.: *Pseudococcus bambusiphilus* Takahashi, 1957.
Distr.: Hongkong.
Host: *Indocalamus herklotsii*.

41. Genus *Formicococcus* Takahashi, 1928

Formicococcus Takahashi, 1928, Formosa Nat. Hist. Soc. Trans. 18: 253. Type species: *Formicococcus cinnamomi* Takahashi, 1928.

93. *Formicococcus cinnamomi* Takahashi, 1928
Trans. Nat. Hist. Soc. Formosa 18: 253, fig.
Distr.: Taiwan.
Host: *Cinnamomum camphora*, accompanied with ant.

94. *Formicococcus commantis* (Wang, 1978)
Economic Insect Fauna of China 24: 57, *Paraputo*.
Distr. Zhejiang .
Host: *Fraxinus chinensis*.

95. *Formicococcus eriobotryae* Wang, 1985
Acta Entomologica Sinica 28 (1): 444.
Distr.: Fujian.
Host: *Eriobotrya japonica*.

96. *Formicococcus gastrodiae* Tang, 1992
Pseudococcidae of China: 594.
Distr.: Shaanxi.
Host: *Gastrodia elata*.

97. *Formicococcus schimae* Takahashi, 1929
Dept. Agr. Govt. Res. Inst. Formosa Rpt. 40: 40, fig.
Distr.: Taiwan.
Host: *Schima superba*.

98. *Formicococcus speciosus* (Wang, 1982)
Economic Insect Fauna of China 24: 73, *Paraputo*.
Distr.: Hunan.
Host: *Camellia oleifera*.

42. Genus *Geococcus* Green, 1902

Geococcus Green, 1902, Ent. Monthly Mag. 38: 262. Type species: *Geococcus radicum* Green, 1902.

99. *Geococcus citrinus* Kuwana, 1923
Imp. Pl. Quar. Sta. Japan Bull. 3: 51, fig.
Distr.: Fujian. Japan.
Host: *Citrus*.

100. *Geococcus coffeae* Green, 1933
Stylops 2:54.
Distr.: Taiwan.

43. Genus *Heliococcus* Sulc, 1912

Heliococcus Sulc, 1912, Ceskoslov. Spolec. Ent. Casopis 9: 39. Type species: *Heliococcus bohemicusSulc*, 1912. Syn.: *Salicoccus* Kanda, 1934; *Takahashicoccus* Kanda, 1939.

101. *Heliococcus bambusae* (Takahashi, 1930)
Dept. Agr. Res. Inst. Formosa Rept. 48: 6, figs. *Phenacoccus*.
Syn.: *Heliococcus linginaniae* Wang, 1982.
Distr.: Taiwan.
Host: *Bambusa*, *Lingnamia cerosissima*.

102. *Heliococcus baotoui* Tang, 1988
Observataions on the Coccoidea of Inner Mongolia in China: 63.
Distr.: Inner Mongolia.
Host: *Ixeris chinensis*.

103. *Heliococcus destructor* Borchsenius, 1941
Fn. URSS Hom. 7:281, fig.
Distr.: Xinjiang.
Host: *Morus*, *Punica* sp., *Pyrus*.

104. *Heliococcus pamirensis* Bazarov, 1974
Entomologicheske Obozr 53 (2): 375.
Distr.: Xizang.
Host: *Artemisia*.

105. *Heliococcus szetshuanensis* Borchsenius, 1962
Trudy Zool. Inst. Akad. Nauk SSSR 30: 232, fig.
Distr: Sichuan.
Host: *Kasianthus* sp.

106. *Heliococcus zizyphi* Borchsenius, 1958
Ent. Obozr 37: 161, 170, fig.
Distr.: Henan, Hebei, Shandong, Shanxi, Jiangxi.
Host: *Ziziphus jujuba*.

44. Genus *Heterococcus* Ferris, 1918

Heterococcus Ferris, 1918, Standford Univ. Pub. (Univ. Ser.) 78: 34, 65. Type specis: *Heterococcus arenae* Ferris, 1918.

107. *Heterococcus abludens* Borchsenius, 1962
Trudy Zool. Inst. Akad. Nauk SSSR, Liningrad 30:238, fig.
Distr.: Yunnan.
Host: *Bambusa*, *Melia* sp.

45. Genus *Humococcus* Ferris, 1953.

Humococcus Ferris, 1853, Atlas of the Scale Insects of North America 6: 370. Type species: *Ripersia hilariae* Ferris, 1919.

108. *Humococcus orientalis* (Borchsenius, 1949)
Fn. URSS Hom. 7: 178, *Ehrhornia*.
Syn.: *Ehrhornia nigra* Matesova, 1957; *Mirococcopsis artemisiphilus* Tang, 1989.
Distr.: Inner Mongolia.
Host: *Artemisia*.

46. Genus *Idiococcus*Takahashi and Kanda, 1939

Idiococcus Takahashi and Kanda, 1930 Insecta Matsumurana 13: 52. Type species: *Idiococcus bambusae* Takahashi and Kanda, 1939.

109. *Idiococcus maanshanensis*Tang & Wu, 1984
Scale Insects of Hortculture and Forest of China II: 101, figs.
Distr.: Anhui.
Host: Indocolamus migoi.

47. Genus *Indococcus* Ali, 1968

Indococcus Ali, 1968, Oriental Insects 1: 35. Type specis: *Indococcus pipalae* Ali, 1968.

110. *Indococcus acanthodes* Wang, 1979

Acta Zootaxonomia Sinica 4 (3) 270, *Pedronia*.
Doistr. Xizang.
Host: *Vaccinium itephyllum*

48. Genus *Kiritshenkella* Borchsenius, 1948

Kiritshenkella Borchsenius, 1948, Akad. Nauk SSSR Dok. (n. s.) 63: 583. Type species: *Kiritshenkella stataria* Borchsenius, 1948.

111. *Kiritshenkella caudata* (Borchsenius, 1958)

Ent. Obozr 37: 161, 170, fig., *Pseudantonina*.
Distr.: Guangzhou.
Host: *Gramineae* plant sheath.

112. *Kiritshenkella lingnani* (Ferris, 1954)

Microentomology 19: 54, fig. *Pseudantonina*.
Distr.: Guangdong.
Host: grass.

113. *Kiritshenkella sacchari* (Green, 1900)

Ind. Mus. Notes 5: 37, pl. 11, fig. 5, 6, *Ripersia*.
Syn.: *Ripersia cellulosa* Hall, 1923; *Pseudantonia fushanensis* Borchsenius, 1958.
Distr.: Guangdong, Taiwan.
Host: *Miscanthus*.

49. Genus *Lachnodiopsis* Borchsenius, 1960

Lachnodiopsis Borchsenius, 1960, Ent. Obozr. 39: 923. Type species: *Lachnodiopsis szemaoensis* Borchsenius, 1960.

114. *Lachnodiopsis szemaoensis* Borchsenius, 1960

Ent. Obozr 39: 923, 936, figs.
Distr.: Yunnan.
Host: *Pasania*, *Quercus*, *Lithocarpus*.

50. Genus *Liucoccus* Borchsenius, 1960

Liucoccus Borchsenius, 1960 Ent. Obozr. 39: 930. Type species: *Liucoccus ehrhornioides* Borchsenius, 1960.

115. *Liucoccus ehrhornioides* Borchsenius, 1960

Ent. Obozr 39: 390, 397, fig.
Distr.: Yunnan.
Host: *Phragmites*.

51. Genus *Lomatococcus* Borchsenius, 1960.

Lomatococcus Borchsenius, 1960, Ent. Obozr. 39: 920. Type species *Lomatococcus ficiphilus* Borchsenius, 1960.

116. *Lomatococcus ficiphilus* Borchsenius 1960

Ent. Obozr 39: 920, 936, fig.
Distr.: Yunnan.
Host: *Ficus carica*, *F. elastica*, *Hevea*.

52. Genus *Maconellicoccus* Ezzat, 1958

Maconellicoccus Ezzat, 1958, Soc. Ent. d'Egypt Bul. 42: 380. Type species: *Phenacoccus hirsutus* Green, 1908.

117. *Maconellicoccus hirsutus* (Green, 1908)
Indian Dept. Agr. Mem. Ent. Ser. 2: 15-17, *Phenacoccus*.
Syn.: *Phenacoccus glomeratus* Green, 1922;*Pseudococcus hibisci* Hall, 1921; *Spilococcus perforatus* Delotto, 1954.
Distr.: Taiwan, Shanxi. Egypt, Asia, Sudan, Zanzibar, Philippines, Australia, Tasamania.
Host: *Hibiscus*.

118 . *Maconellicoccus pasaniae* (Borchsenius, 1962)
Ent. Obozr. 41: 590, 594, figs. *Paracoccus*.
Distr.: Yunnan.
Host: *Pasania*

53. Genus *Metadenopus* Sulc, 1933

Metadenopus Sulc, 1933, Acta Soc. Sci. Nat. Morav. 8 (12) (Signatura F76): 1-2, 15. Type species: *Metadenopus festucae* Sulc, 1933. Syn.: *Longisomus* Kiritshenko, 1930.

119. *Metadenopus festucae* Sulc, 1933
Acta Soc. Sci. Nat. Morav. 8 (12): 2.
Distr.: Inner Mongolia.
Host: *Aneuroplepidium chinensis*, *Heteropappus altoicus*.

54. Genus *Mirococcopsis* Borchsenius, 1948

Mirococcopsis Borchsenius, 1948, Akad. Nauk USSR Dok. (n. s.) 63:582. Type species: *Mirococcopsis rubidus* Borchsenius, 1948.

120. *Mirococcopsis cantonensis* (Ferris, 1954)
Microentomology 19: 52, figs. *Trionymus*.
Distr.: Guangdong.
Host: Gramineae.

121. *Mirococcopsis chinensis* Tang, 1992
Pseudococcidae of China: 595.
Distr.: Inner Mongolia.
Host: Festuca.

122. *Mirococcopsis orientalis* (Maskell, 1897)
Ent. Mon. Mag. 33: 245, *Dactylopius graminis* var. *orientalis*.
Distr. Hongkong.
Host: Gramineae.

123. *Mirococcopsis rubidus* Borchsenius, 1948
C. R. Acad. Sci. URSS (N. S.) 63: 582.
Distr.: Xinjiang.
Host: *Aeluropus linoralis*.

55. Genus *Mirococcus* Borchsenius, 1947

Mirococcus Borchseniuss, 1947, Akad. Nauk Arm. SSR Dok. 7: 141-143. Type species: *Phenacoccus inermis* Hall, 1925. Syn.; *Aegytococcus* Ezxzat, 1965.

124. *Mirococcus inermis* (Hall, 1925)

Egypt Min. Agr. Tech. and Sci. Serv. Bull. 64: 7, *Phenococcus*.
Distr.: Xinjiang.

125. *Mirococcus leymicola* Tang, 1992

Pseudococcidae of China: 595.
Distr.: Inner Mongolia.
Host: *Agropyron cristaticum*, *Leymus secalinum*.

126. *Mirococcus scoparicola* Tang, 1992

Pseudococcidae of China: 596.
Distr.: Inner Mongolia.
Host.: *Artemisia ordosica*, *Salsola passerina*.

127. *Mirococcus sera* (Borchsenius, 1958)

Ent. Obozr 37: 156, fig. *Ripersia*.
Syn.: *Chnaurococus globosa* Wang, 1979; *Pseudorhodania marginata* Tang, 1987.
Distr.: Xizang, Guangdong.
Host: *Triticum*, grass.

56. Genus *Miscanthicoccus* Takahashi, 1958

Miscanthicoccus Takahashi, 1958, Univ. Osaka (Prefecture) Bull. (ser.B) (1957) 7:6-7. Type species: *Trionymus miscanthi* Takahashi, 1928.

128. *Miscanthicoccus miscanthi* (Takahashi, 1928)

Philip. J. Sci. 36: 333, fig. *Trionymus*.
Distr.: Taiwan.
Host: *Saccharum officinarum*.

57. Genus *Mizococcus* Takahashi, 1928

Mizococcus Takahashi, 1928, Philippine Jour. Sci. 36: 336. Type species: *Mizococcus sacchari* Takahashi, 1928.

129. *Mizococcus sacchari* Takahashi, 1928

Philip. J. Sci. 36: fig.
Syn.: *Ripersia takahashii* Lindinger, 1932.
Distr.: Taiwan.
Host: *Saccharum officinarum*.

58. Genus *Naiacoccus* Green, 1919

Naiacoccus Green, 1919, Indian Mus. Rec. 18: 117. Type species: *Naiacoccus serpentinus* Green, 1919.

130. *Naiacoccus minor* Green, 1919.

Ind. Mus. Rec. 18: 118, *Naiacoccus serpentinus* var. *minor*.
Distr.: Inner Mongolia.
Host: *Tamarix ramosissima*.

59. Genus *Neoripersia* Kanda, 1943

Neoripersia Kanda, 1943, Kansai Ent. Trans. 12: 50. Type species: (*Ripersia ogasawaensis* Kanda, 1943.nec Kuwana, 1909)

131. *Neoripersia miscanthicola* (Takahashi, 1937)
Mushi 9: 70, *Trionymus*.
Distr.: Taiwan.
Host: *Miscanthus sinensis*.

132. *Neoripersia yunnanensis* (Borchsenius, 1962)
Ent. Obozr 39: 932, fig. *Kiristshenkella*.
Dist.: Yunnan.
Host: Gramineae.

60. Genus *Neotrionymus* Borchsenius, 1948

Neotryonymus Borchsenius, 1948, Akad. Nauk SSSR Dok. (n.s.) 63: 581-582. Type species: *Neotrionymus monstatus* Borchsenius, 1948.

133. *Neotrionymus monstatus* Borchsenius, 1948
Akad. Nauk. Dok. USSR (n. s.) 63: 582.
Syn.: *Trionymus maritimus* Borchsenius and Kozarshevskaya, 1966.
Distr.: Inner Mongolia, Xinjiang, Shaxi.
Host: *Phragmites communis*.

61. Genus *Nesticoccus* Tang, 1977

Nesticoccus Tang, 1977, The Scale Insects of Horticulture and Forest of China vol. 1: 28. Type species: *Nesticoccus sinensis* Tang, 1977.

134. *Nesticoccus sinensis* Wang, 1977
Scale Insects of Hort. and Foret of China 1: 28.
Distr.: Shaanxi, Shandong, Anhui Zhejiang, Fujian.
Host: *Arundinaria amabilis*, *Phyllostachys glauca*, *P. iridensis*, *P. sectabilis*, *P. nigra*, *P. pubescens*, *P. propinqua*, *P. vivax*, *P. viridis* var. *young*,.

62. Genus *Nipaecoccus* Sulc, 1945

Nipaecoccus Sulc, 1945, Acta Soc.Nat. Morav. 17 (3) (Signatura F 177): 1. Type species: *Dactylopius nipae* Maskell, 1893. Syn.: *Erizabetiella* Borchsenius, 1947.

135. *Nipaecoccus filamentosus* (Cockerell, 1893)
Entomologist 26: 268, *Dactylopius*.
Distr.:Taiwan, S. China.
Host: *Camellia sinensis*, *Citrus*.

136. *Nipaecoccus lycii* Tang, 1992
The Pseudococcidae of China : 597.
Distr.: Ningxia.
Host: *Lycium chinense*.

137. *Nipaecoccus nipae* (Maskell, 1893)
New Zealand Inst. and Proc. 25 (1892) : 232, *Dactylopius*.
Syn.: *Dactylopius pseudonipae* Cockerell, 1897; *Dactylopius dubia* Maxwell-Lefroy, 1903; *Ripersia serrata* Tinsley, 1900.

Distr.: Fujian, Guangxi, Hainan.
Host: *Artocarpus.*

138. *Nipaecoccus vastator* (Maskell, 1894)
New Zealand Inst. and Proc. 26 (1893): 74, *Dactylopius.*
Syn.: *Dactylopius viridis* Newstead, 1894; *Pseudococcus perniciosus* Newstead and William, 1910; *P. p.* var. *corymbatus* Green, 1922.
Distr.: Zhejiang, Guangdong, Guangxi, Yunnan, Fujian, Taiwan, Jiangxi, Hongkong,Hainan, Hunan, Inner Mongolia. Japan, Tropical Asia, Hawaii, Mexico.
Host: *Citrus, Excetrodendron hsienmu, Hibiscus, Punica granatum, Mangifera indica*

63. Genus *Oracella* Ferris, 1950

Oracella Ferris, 1950 Atlas of the Scale Insects of North America (ser. 5) [vol. 5]: 22, 112. Type species: *Pseudococcus acutus* Lobdell, 1930.

139. *Oracella acuta* (Lobdell, 1930)
Ent. Soc. Am. Ann. 27: 213, fig., *Psudococcus acutus.*
Distr.: Guangdong, America.
Host: pine, introduced from U.S.A. with pine nursery.

64. Genus *Palmicultor* Williams, 1963

Palmicultor Williams, 1963, Entomologist 96: 100-101 Type species: *Ripersia palmarum* Ehrhorn, 1916. Syn.: *Palmicola* Williams, 1960.

140. *Palmicultor bambusum* Tang, 1992
Pseudococcidae of China: 507.
Distr.: Guangxi .
Host: *Lingnamia cerosissima.*

141. *Palmicultor palmarum* (Ehrhorn, 1916)
Hawaii Ent. Soc. Proc. 3: 245, *Ripersia.*
Syn.: *Pseudococcus cocotis* Takahashi, 1938; *Ps. oceanicus* Takahashi, 1939; *Ps. o.* var. *kentiae* Takahashi, 1939.
Distr.: Guangdong. Hawaii, Malaysia, Micronesia, Philippines.
Host: *Cocos nucifera.*

65. Genus *Paraputo* Laing, 1929

Paraputo Laing, 1929, Ann. and Mag. Nat. Hist. (ser. 10) 4: 473. Type species: *Paraputo ritchiei* Laing, 1929. Syn.: *Cataenococcus* Ferris, 1935.

142. *Paraputo albizzicola* Borchsenius, 1962
Trudy Zool. Inst. Akad. Nauk SSSR 30: 228, fig.
Distr.: Yunnan.
Host: *Acacia, Albizia lebbak.*

143. *Paraputo citricola* Tang, 1992
Pseudococcidae of China: 598.
Distr.: Fujian.
Host: *Citrus.*

144. *Paraputo gasteris* Wang, 1982
Acta Ent. Sin. 25(3): 317.

Distr.: Sichuan.
Host: *Gastrodia elata*.

145. *Paraputo porosus* Borchsenius 1962
Trudy Zool. Inst. Akad. Nauk SSSR 30: 226, fig.
Distr.: Yunnan.
Host: *Robinia pseudoacacia*.

146. *Paraputo sinensis* Borchsenius, 1962
Trudy Zool. Inst. Akad. Nauk SSSR 30: 224, fig.
Distr.: Yunnan.
Host: *Dalbergia*, *Robnia*.

66. Genus *Pedronia* Green, 1922

Pedronia Green, 1922, The Coccidae of Ceylon. Part V, p. 364. Type species: *Pedronia strobilanthis* Green, 1922. Syn.: *Paroundabulis* Cockcerel, 1900; *Pekinococcus* Sulc, 1944.

147. *Pedronia tremae* Borchsenius, 1962
Trudy Zool. Inst. Akad. Nauk SSSR 30:235, figs.
Distr. Yunnan.
Host: *Trema orientalis*.

67. Genus *Peliococcus* Borchsenius, 1948

Peliococcus Borchsenius, 1948, Akad. Nauk SSSR Dok. (n. s.) 61: 954. Type species: *Phenacoccus chersonensis* Kiritchenko, 1936.

148. *Peliococcus chersonensis* (Kiristshenki, 1930)
Rev. Ent. URSS 26: 138, fig. *Phenacoccus*.
Distr.: Inner Mongolia.
Host: *Artemisia argyi*, *Spiraea salicifoli*.

149. *Peliococcus lycicola* Tang, 1992
The *Pseudococcidae* of China: 598.
Distr.: Ningxia.
Host: *Lycium chinense*.

68. Genus *Phenacoccus* Cockerell, 1893

Phenacoccus Cockerell, 1893, Ent. News 4: 318. Type species: *Pseudococcus aceris* Signoret, 1875. Syn.: *Paroudabilis* Cockerell, 1900, *Pekinococus* Sulc, 1944.

150. *Phenacoccus aceris* (Signoret, 1875)
Soc. Ent. de France Ann. (5) 5: 329, *Pseudococcus*.
Syn.: *Phenacoccus prunicola* Borchsenius, 1962 , *Pseudococcus ulmi* Douglas, 1888.
Distr: Shanxi, North America, Europe, North Asia.
Host: *Ulmus pumila*.

151. *Phenacoccus arctophilus* (Wang, 1979)
Acta Entomologica Sinica 22: 406, *Paroudablis*
Distr.: Hebei, Shanxi.
Host: *Rehmannia glutinosa*, *Ulmus pumila*.

152. *Phenacoccus azaleae* Kuwana 1914
J. Ent. Zool. 6: 1, pl. 21, figs. 10-12.

Distr.: Inner Mngolia.

153. *Phenacoccus fraxinus* Tang, 1977

Scale Insects of Horticulture and Forest of China: I:36, fig.
Distr.: Shanxi, Henan, Hebei, Zhejiang, Sichuan, Xinzang, Tibet.
Host: *Bischofia javanica*, *Embelia gamblei*, *Fraxinus chinensis*.

154. *Phenacoccus herbaceus* Borchsenius, 1962

Ent. Obozr 41: 591, 595, figs.
Distr.: Yunnan.
Host: Gramineae.

155. *Phenacoccus mespili* (Signoret, 1875)

Soc. Ent. de France Ann. (ser. 5) 5; 367, *Pseudococcus*.
Distr.: Xinjiang.
Host: *Pyrus*.

156. *Phenacoccus pergandei* Cockerell, 1896

Psyche 7, Supple 1: 7,18.
Syn.: *Pseudococcus katsure* Shinji, 1935.
Diatr.: Liaoning, Shaanx, Shanxi, Zhajiang, Japan, Korea, Sakhalin.
Host: *Cinnamomum camphora*, *Diospyros kaki*, *Malus pumila*, *Morus alba*, *Populus*, *Salix*.

157. *Phenacoccus prodigialis* Ferris, 1950.

Microentomology 15: 9.
Distr. Yunnan.
Host: *Berberis wilsoniana*, *Prunus mumme*.

158. *Phenacoccus viburni* Kanda, 1931

Insect World, Gifu 35: 25-28.
Syn.: *Phenacoccus prunicola* Borchsenius, 1962
Distr.: Inner Mongolia. Japan.
Host: *Spiraea salicifoliae*

69. Genus *Pilococcus* Takahashi, 1928

Pilococcus Takahashi, 1928 Formosa Nat. Hist. Soc. Trans. 18 (97): 257. Type species: *Pilococcus miscanthi* Takahashi, 1928.

159. *Pilococcus miscanthi* Takahashi, 1928

Trans. Nat. Hist. Soc. Formosa 18: 257 figs.
Distr.:Taiwan.
Host: *Miscanthus sinensis*.

70. Genus *Planococcoides* Ezzat and McConnell, 1936

Planococcoides Ezzat and MeConnell, 1956 Md. Agr. Expt.Sta. Bul. A-84; 13,53. Type Species: *Pseudococcus njalensis* Laing, 1929.

160. *Planococcoides bambusicola* (Takahashi, 1930)

Dept. Agr. Res. Inst. Formosa Rept.48: 1, fig., *Pseudococcus*
Distr.: Taiwan.
Host: *Bambusa*.

161. *Planococcoides chipponensis* (Takahashi, 1939)

Mushi 12: 86, fig. *Pseudococcus*.
Distr: Taiwan.

Host: *Citrus* root.

162. *Planococcoides lingnani* (Ferris, 1954)

Microentomology 19: 52, figs, *Planococcus*.
Distr.: Guangdong.
Host: *Ophiopogon*.

163. *Planococcoides macarangae* (Takahashi, 1928)

Mushi 13: 18, figs. *Pseudococcus*.
Distr.: Taiwan.
Host: *Macaranga tanarius*, *Mallotus* sp.

71. Genus *Planococcus* Ferris, 1950

Planococcus Ferris, 1950, Atlas of the Scale Insects of North America (ser. 5) [v. 5] :22, 164.
Type species: *Dorthesia citri* (Risso) of Ferris, 1950.

164. *Planococcus citri* (Risso, 1813)

Essai Hist. Des Orange, *Dorthesia*.
Syn.: *Dactylopius alaterni* Signoret,1875; D. *ceratoniae Signoret*, 1875; D. *citri* var. *coleorum* Marchal, 1908; D. *citri* var. *phenacocciformis* Brain, 1915; D. *brevispinus* Targioni -Tozzet, 1881; D. *destructor* Comstock, 1880; D. *secretus* Hempel, 1900; *Lecanium phyllococcus* Ashmead, 1879; *Planococcus citricus* Ezzat and McConnnnell, 1956.
Distr.: Ningxia, Bejiang, Jiangsu, Fujian, Taiwan, Gungzhou, Hongkong, Sichuan, Xizang. Japan, America, Brazil, Jamica, Europe.
Host: *Acacia confusa*, *Callistemon lanceolatus*, *Citron*, *Citrus*, *Habrothamus*, *Ipomaea*, *jasminoides*, *Psidium guajava*, *Solanum*.

165. *Planococcus dorsospinus* Ezzat and McConnell, 1956

Bull. Md. Agric. Exp. Sta. A. 84: 75.
Syn.: *Planococcus sinensis* Borchsenius,1962 ; *Pl. myrisnephilus* Borchsenius, 1962.
Distr.: Taiwan, Hongkong.
Host: *Colocasia esculenta*, *Litchi chinensis*, *Pueraria hirsuta*, *Pueraria lobata*.

166. *Planococcus kraunhiae* (Kuwana, 1902)

Pap. Calif. Ac. Sci. 3: 55, figs. 39, 40, *Dactylopius*.
Syn.: *Planococcus siakwanensis* Borchsenius, 1962.
Distr.: Taiwan, Japan, America.
Host: *Citrus*, *Coffea arabica*, *Kraunhia floribunda*.

167. *Planococcus lilacinus* (Cockerell, 1905)

Proc. Davenpoort Acad. Sci. 10: 128, *Pseudococcus*.
Syn.: *Dactylopius croton* Green, 1906; *Pseudococcus tayabanus* Cockerell, 1905; *Tylococcus mauritiensis* Mamet, 1939.
Distr. Taiwan, S. China. Japan, Tropical.
Host: *Acacia*.

168. *Planococcus litchi* Cox 1989

Bull. Br. Mus. nat. Hist (Ent.) 58 (1): 48.
Distr.: Hongkong.
Host: *Litchi chinensis*.

169. *Planococcus minor* (Maskell, 1897)

N. Z. Trans. 11: 218, *Dactylopius calceolariae* var. *minor*.
Syn: *Planococcus pacificus* Cox, 1981.
Distr.: Taiwan.

Host: *Citrus*.

170. *Planococcus mumensis* Tang, 1977

Horticulture and Forest Insects of China I: 34, fig.

Distr.: Zhejiang.

Host: *Prunus mume*.

171. *Planococcus planococcoides* (Borchsenius, 1962)

Trudy Zool. Inst. Akad. Nauk SSSR 30: 235, figs. *Pedronia*.

Distr.: Yunnan.

Host: *Buddleia officinalis*, *Eurya* sp, *Schima wallichii*.

72. Genus *Pseudantonina* Green, 1922

Pseudantonina Green 1922, The Coccidae of Ceylon, Part V, p. 363. Type species: *Pseudantonina bambusae* Green, 1922.

172. *Pseudantonina magnotubulata* Borchsenius, 1960

Ent. Obozr 39: 930, figs.

Disatr.: Guangdong.

Host: Bamboo.

73. Genus *Pseudococcus* Westwood, 1840

Pseudococcus Westwood, 1840, An Introduction to the Morden Classification of Insects 2: 448, appendix 118. Type species *Coccus adonidum* Linnaeus, 1767 (*Dactylopius longispinus* Targioni - Tozzetti, 1808).

173. *Pseudococcus calceolariae* (Maskell, 1879)

New Zealand Inst. Trans and Proc. 11 (1878):218, Dactylopius.

Syn.: *Pseudococcus citrophilus* Clausen, 1915; *Ps. fragilis* Brain, 1912; *Ps. gahani* Green, 1915.

Distr.: Taiwan.

174. *Pseudococcus comstocki* (Kuwana, 1902)

Pap. Calif. Ac. Sci 3: 52 pl. 9, figs. 34, 35, *Dactylopius*.

Distr.: Heilongjiang, Liaoning, Shandong, Shanxi, Jiangsu, Zhejiang, Hebei, Jiangxi, Fujian, Guangdong, Hunan, Sichuan, Taiwan, Yunnan, Xizang, Inner Mongolia. Japan, Korea, India, Sri-Lanka, N. America.

Host: *Artemisia*, *Camellia sinensis*, *Cinnamomum camphora*, *Citrus*, *Litchi chinensis*, *Morus alba*, *Malus pumila*, *Pyrus*, *Vitis vinifera*,.

175. *Pseudococcus cryptus* Hempel, 1918

Revista do Museu Paulsta, Sao Paulo: 199.

Syn.: *Pseudococcus citriculus* Green, 1922.

Distr.: Shaanxi, Hebei, Shandong, Liaoning, Zhejiang, Jiangxi, Guangzhou, Hongkong, Sichuan. Japan, Sri Lanka, Hawaii, N. America, Israel, India, Philippines, Japan, Hawaii Island, Brazil.

Host: *Camellia sinensis*, *C. oleifera*, *Citrus*, *Diospyros kaki*, *Tectona grandis*, *Ziziphus jujuba*

176. *Pseudococcus longispinus* Targioni - Tozzetti, 1867

Memorie della Societa Italiana di Scienze Naturali, Milano 3 (3): 75.

Syn.: *Coccus aonidum* of authors (nec Linnaeus, 1767); *Dactylopius pteridis* Signoret, 1875; D. *longifilis* Comstock, 1881.

Distr.: Taiwan, Hongkong, S. China, Yunnan. Asia, Africa, S.

Europe, America.
Host: *Areca cathecu*, *Boswellia carteria* , *Citrus*, *Orthzia*, *Tectona grandis*, *Pittosporum tobira*, *Vitis vinifera*.

177. *Pseudococcus maritimus* (Ehrhorn, 1900)
Can. Ent. 32:316, *Dactyopius*.
Syn.: *Pseudococcus bakeri* Essig, 1910; *Ps. omnivorae* Hollinger, 1917.
Distr.: Shandong Guangdong. California.
Host: *Eriogonum latifolium*, *Juglans regia*, *Morus alba*, *Pyrus communis*, *Pyrus*, *Sambucus glauca*, *Vitis vinifera*.

178. *Pseudococcus saccharicola* Takahashi, 1928
Philip. J.Sci. 36: 331, fig.
Distr.: Taiwan, India, Pakistan, Malaya.
Host; *Saccharum officinarum*.

74. Genus *Pseudorhodania* Borchsenius 1962

Pseudorhodania Borchsenius, 1962, Akad. Nauk SSSR Zool. Inst. Trudy 30: 242-244. Type species: *Pseudorhizodania marginata* Borchsenius, 1962.

179. *Pseudorhodania marginata* Borchsenius, 1962
Trudy Zool. Inst. Akad. Nauk SSSR 30: 244, figs.
Distr.: Yunnan.
Host: Graminae.

180. *Pseudorhodania oryzae* Tang, 1992
Pseudococcidae of China: 599.
Distr.: Fujian.
Host: *Oryza sativa*.

75. Genus *Puto* Signoret, 1876

Puto Signoret, 1876, Soc. Ent. de France Ann. (1875) (ser. 5) 5:394. Type species: *Putonia antennata Signoret*, 1875

181. *Puto asteri* (Takahashi, 1932)
J. Soc. Trop. Agric. Formosa 4: 43, *Phenacoccus*.
Distr.: Taiwan.
Host: *Aster laurureamus*.

182. *Puto jarudensis* Tang, 1992
The Pseudococcidae of China: 600.
Distr.: Inner Mongolia.
Host: *Kalimeria integrifolis*.

183. *Puto tauricus* Tereznikova, 1975
Naaukova Dumka, Kiev. 240.
Distr.: N. China.

76. Genus *Rastrococcus* Ferris, 1954

Rastrococcus Ferris, 1954, Microentomology 19: 55. Type species: *Phenacoccus iceryoides* Green, 1908

184. *Rastrococcus chinensis* Ferris, 1954
Microentomology 19: 55, fig.

Distr.:Guangdong, Macao.

185. *Rastrococcus iceryoides* (Green, 1908)

Mem. Dept. Agric. India: 26 *Phenacoccus*.
Distr.: Hongkong, India, Indonesia, Sri-Lanka, Tanzania, Zanzibae.
Host: *Firmiana*.

186. *Rastrococcus invadens* Williams, 1986

Bull. ent. Res. 76 (4): 696.
Distr: Hongkong.

187. *Rastrococcus mangiferae* (Green, 1896)

Indian Mus. Notes 4: 6, *Pseudococcus*
Distr.: Taiwan. India.
Host: *Ardisia japonica*..

188. *Rastrococcus spinosus* (Robinson, 1918)

Philip.J. Sc.13: 145, *Phenacoccus*.
Distr.: Taiwan, Indonesia, Sri-Lanka, Thailand, Philippines.
Host: *Blachia* sp.

77. Geneus *Ripersiella* Tinsley, 1899

Ripersiella Tinsley, 1899, Canad. Ent. 31: 278. Type species: *Ripersia rumicis* Maskell, 1892.

189. *Ripersiella helanensis* Tang, 1992

Pseudococcidae of China: 600.
Distr.: Inner Mongolia.
Host: *Artemisia giraldii*.

190 *Ripersiella kondonis* (Kuwana, 1923)

Imp. Pl. Sta. Japan Bull. 3: 55, fig., *Rhizoecus*.
Distr.: Fujian, Japan.
Host: *Citrus*.

78. Genus *Saccharicoccus* Ferris, 1950

Saccharicoccus Ferris, 1950, Atlas of the Scale Insects of North America (ser. 5) [v.5];21,216. Type species: *Dactylopius sacchari* Cockerell, 1985

191. *Saccharicoccus penium* William, 1962

Bull. Brit. Mus. (Nat. Hist.) Ent. 12: 50, figs.
Distr.: Inner Mongolia.
Host: *Aneurolepidium chinense*.

192. *Saccharicoccus sacchari* (Cockerell, 1895)

J. Trin. Nat. Club 2: 195, *Dactylopius*.
Syn.: *Trionymus praegrandis* James,1936.
Distr.: Taiwan, Gungdong, Hongkong, Sichuan, Yunnan, Xizang. Japan, Tropical, N. America.
Host: *Miscanthus*, *Saccharum officinarum*.

79. Genus *Serrolecanium* Shinji, 1935

Serrolecanium Shinji, 1935, Oyo-Dobutsgaku Zasshi [Jap. Soc. Appl. Zool.] 7: 106. Type species: *Serrolecanium bambusae* Shinji, 1935.

193. *Serolecanium indocalamus* Wu, 1988

Acta Entomologica Sinica 31 (1): 77.
Distr.: Anhui.
Host: *Indocalamus migoi*.

194. *Serrolecanium jiuhuaensis* Wu, 1984
Acta Entomologica Sinica 27 (4): 226.
Distr.: Anhui.
Host: *Indocalamus migoi*.

195. *Serrolecanium tobai* (Kuwana, 1932)
Dobuts Zasshi 44: 216, *Antonina*.
Syn.: *Serrolecanium bambusae* Shinji, 1935.
Distr.: Yunnan.
Host: *Bambusa*.

80. Genus *Spilococcus* Ferris, 1950

Spilococcus Ferris, 1950 Atlas of Scale Insects of North Americva Series V. Pseudococcidae Part 1:150. Type species: *Dactylopius gutonerreziae* Cockedrell, 1898.

196. *Spilococcus artemisiphilus* (Tang, 1988)
Observations on the Coccoidea of Inner Mongolia: 33, *Chorizococcus*.
Distr.: Inner Mongolia.
Host: *Artemisia*.

197. *Spilococcus innermongolicus* Tang, 1992
Pseudococcidae of China: 601.
Distr.: Iner Mongolia.
Host: *Heteropappus altaicus*.

81. Genus *Spinococcus* Borchsenius, 1931

Spinococcus Borchsenius, 1931, Inst. Zashch. Rast. Plant Prot. [Leningrad] (1930) 7: 314. Type species: *Acanthococcus marrubii* Kiritchenko, 1936.

198. *Spinococcus jartaiensis* Tang, 1992
The Pseudococcidae of China: 602.
Distr.: Inner Mongolia.
Host: *Messerchimidia siberica angurtior*.

199. *Spinococcus minusuculus* (Borchsenius, 1946)
Ent. Obozr. 41: 591, 599, fig., *Syncanthococcus*.
Distr.: Yunnan.
Host: *Litsea pungens*.

82. Genus *Stachycoccus* Borchsenius, 1962

Stachycoccus Borchsenius, 1962, Akad. Nauk SSSR, Zool. Inst. Trudy 30: 240. Type species: *Stachycoccus caulicola* Borchsenius, 1962.

200. *Stachycoccus caulicola* Borchsenius, 1962
Trudy Zool. Inst. Akad. Nauk SSSR 34: 240, fig.
Distr.: Yunnan.
Host: Gramineae.

83. Genus *Stipacoccus* Tang, 1992

Stipacoccus Tang, 1992, The Pseudococcidae of China: 602. Type species: *Stipacoccus xilinhatus* Tang, 1992.

201. *Stipacoccus xilinhatus* Tang, 1992
The Pseudococcidae of China: 603.
Distr.: Inner Mongolia.
Host: *Stipa krylovii*.

84. Genus *Tangicoccus* Kozar and Walter, 1985

Tangicoccus Kozar and Walter, 1985, Folia Entomol. Hungarica 46 (2): 73. Type species: *Longicoccus elongatus* Tang, 1977.

202. *Tangicoccus elongatus* (Tang, 1977)
Scale Insects of Hoorticulture and Forest of China I: 26, *Longicoccus*.
Distr.: Zhejiang, Fujian.
Host: *Bambusa*.

85. Genus *Tibetococcus* Tang, 1992

*Tibetococcus*Tang, 1992, The Pseudococcidae of China: 603. Type species: *Kiritschenkella dingriensis* Tang, 1987.

203. *Tibetococcus dingriensis* (Tang, 1987)
Agricultural Insects, Spiders, Plant Diseases and Weeds of Xizang: 183, *Kiritshenkella*.
Distr.: Xizang.
Host: *Hordeum vulgare var. nuda*.

204. *Tibetococcus nyalamiensis* (Tang, 1987)
Agricultural Insects, Spiders, Plant Diseases and Weeds of Xizang: 184, *Kiritshenkella*.
Distr.: Xizang.
Host: *Hordeum vulgare*.

205. *Tibetococcus triticola* (Tang, 1987)
Agricultural Insects, Spiders, Plant Diseases and Weeds of Xizang: 183, *Kiritshenkella*.
Distr.: Xizang.
Host: *Triticum aestivum*.

86. Genus *Trionymus* Berg, 1899

Trionymus Berg, 1899, Mus. Nac. de Buenos Aies Comun. 1: 78. Type species: *Westwoodia perrisii* Signoret, 1875. Syn.: *Bergrotiella* Restter, 1898; *Bergrosia* Kraatz, 1888; *Pergandeiell* Cockerell, 1899; *Pergrothura* Strand, 1926; *Signoretia* Kraatz, 1888; *Westwoodia* Signoret, 1875.

206. *Trionymus aberrans* Goux, 1938
Bull. Soc. Linn. Lyon (N. S.) 7: 166, figs.
Distr.: Inner Mongolia.
Host: *Agropyron* sp.

207. *Trionymus agrestis* Wang and Zhang, 1990
Acta Entomologica Sinica 33: 450-452.
Distr. Liaoning, Shandong.
Host: *Sorghum vulgare*, *Zea mays*.

208. *Trionymus circulus* Tang, 1989

Observations of Coccoidea of Inner Mongolia in China: 23.
Distr.: Inner Mongola.
Host: *Pennisetum flaccidum*.

209. *Trionymus diminutus* (Leonardi, 1918)
Bull. Lab. Portici 12: 198, figs. *Pseudococcus*.
Distr.: Taiwan.
Host: *Saccharum officinarum*.

210. *Trionymus formosanus* Takahashi, 1930
Dept. Agr. Res. Inst. Formosa Rept. 48: 4.
Distr.: Taiwan.
Host: *Bambusa*.

211. *Trionymus latus* Takahashi, 1929
Dept. Agr. Res. Inst. Formosa Rep. 40: 47.
Distr.: Taiwan.
Host: *Miscanthus sinensis*, *Schima*.

212. *Trionymus mongolicus* Danzig, 1980
Insects of Mongolia 7: 36.
Syn.: *Trionymus agropyronicola* Tang, 1989.
Distr.: Inner Mongolia.
Host: Carex.

213. *Trionymus multisetiger* (Borchsenius, 1936)
Fn. URSS Hom. 7: 137, fig., *Pseudococcus*.
Syn.: *Pseudococcus galatellus* Matesova, 1957; *Ps. hemisphaeicus* Borchsenius, 1949.
Distr.: Inner Mongolia.
Host: *Saussurea amara*.

214. *Trionymus phragmiticola* Tang, 1984 (N. Nudum)
Observation Scale insects Injurious Forestry North China 1: 124, no description given.
Distr.: Xinjiang.
Host: Graminae, grass leaf sheath

215. *Trionymus tomlini* Green, 1925
Ann. Mag. N.H. 9, pl. 16: 125, fig.
Distr.: Inner Mongolia.
Host: *Aneurolepidium chinense*

87. Genus *Tylococcus* Newstead, 1897

Tylococcus Newstead, 1897, Ent. Monthly Mag. 33: 165. Type species: *Tylococcus madagascardiensis* Newstead, 1897.

216. *Tylococcus fici* (Takahashi, 1940)
Mushi 13: 21, fig., *Phenacoccus*.
Distr.: Taiwan.
Host: *Ficus retusa*.

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88. Genus *Aculeococcus* Lepage, 1941

Aculeococcus Lepage, 1941, Inst. Biol. (Sao Paulo) Arch. 12: 141. Type Species: *Aculeococcus morrisoni* Lepage, 1941.

217. *Aculeococcus yongpingensis* Tang, 1995
The Margarodidae and others of China: 437.
Distr.: Yunnan

89. Genus *Asiacornococcus* Tang, 1995

Asiacornococcus Tang, 1994, The Margarodidae and others of China: 438. Type species: *ERioococcus exiguus* Maskell, 1897.

218. *Asiacornococcus exiguus* (Maskell, 1897)
Ent. Monthly Mag. 33:243, *Eriococcus.*
Distr.: Taiwan

219 *Asiacornococcus kaki* (Kuwana, 1931)
Zool. Mag. Tokyo 43: 655, *Eriococcus.*
Distr.: Liaoning, Jilin, Huelopngkiang, Shandong, Shaaxi, Hebei, Shanxi, Hubei, Yunnan, Zhejiang, Guangdong, Guannngxi, Sichuan, Guizhou, Xizang,.Japan.
Host: *Diospyros kaki*, *Ficus carica*, *Lagerstroemia flosreginae*, *Prunus armeniaca.*

90. Genus *Cryptococcus* Douglas, 1890

Crytocccus Douglas, 1890, Ent. Monthly Mag. 26: 155. type species: *Coccus fagi Baerensprung*, 1849.

220. *Cryptococcus ulmi* Tang, 1995
The Margarodidae and others of China: 429.
Distr.: Shanxi.
Host: *Ulmus.pumila*, *Ulmus* sp.

91. Genus *Eriococcus* Targioni-Tozzetti, 1868

Eriococcus Targioni - Tozzetti, 1868, (separate) Soc. Ital.di Sci. Nat. Atti 11:33; 1869, 11: 726. Type species: *Coccus buxi Fonscolombe*, 1834. Syn.: *Acanthococcus* Balachowsky, 1954; *Thekes* Maskell, 1897; *Uhleria* Cocke, 1875.

221. *Eriococcus abelicae* Kuwana, 1927
Dobutsugaku Zasshi 39 (461): 111.
Distr.: Beijiang.
Host: *Buxus microphylla.*

222. *Eriococcus acericola* Tang, 1995
The Margarodidae and others of China: 454.
Distr.: Ningxia.
Host: *Acer truncatum.*

223. *Eriococcus armeniacus* Tang, 1995
The Margarodidae and others of China: 456.
Distr.: Ningxia.
Host: *Prunus armeniaca.*

224. *Eriococcus betulaefoliae* Tang, 1995
The Margarodidae and others of China: 460.
Distr.: Ningxia.
Host: *Pyrus betulaefolia.*

225. *Eriococcus borchsenii* (Danzig, 1975)

Entomol. Obozr. 54:69, *Acanthococcus*
Distr.: Inner Mongolia.
Host: *Artemisia*.

226. *Eriococcus castanopus* Tang, 1995
The Margarodidae and others of China: 463.
Distr.: Guangxi.
Host: *Castanopsis*.

227. *Eriococcus caudatus* Tang, 1995
The Margarodidae and others of China: 463.
Distr.: Inner Mongolia.
Host: *Artemisia* sp., *Artemisia gmelinii*.

228. *Eriococcus corniculatus* Ferris, 1950
Microentomology 15: 7.
Distr.: Kungming.
Host: *Ternstroemia japonica* var. *wightii*.

229. *Eriococcus costatus* (Danzig, 1975)
Ent. Obozr. 10: 64; Ent. Res. Wash. 54 (1): 369, *Acanthococcus*.
Syn.: *Eriococcus ulmi* Tang, 1977.
Distr.: Helbi, Shanxi. Liaoning.
Host: *Ulmus* sp.

230. *Eriococcus crassispinus* (Borchsenius, 1949)
Akad. Nauk. Zool. Innst. (n.s. 38) 334, *Acanthococcus*.
Syn.: *Acanthococcus desertus* Tang, 1988.
Distr.: Inner Mongolia.
Host: *Artemisia spherocephala*, *Youngia tenuicaulis*.

231. *Eriococcus graminis* Maskell, 1893
New Zealand Inst. Trans. and Proc. 25:243.
Distr.: Hongkong.

232. *Eriococcus isacanthus* (Danzig, 1975)
Entomol. Obozr. 54 (1): 69, *Acanthococcus*.
Distr.: Shanxi.
Host:*Albizzia kalkora*.

233. *Eriococcus lagerostroemiae* Kuwana, 1907
Tokyo Bull. Imp. Agric. Expt. St. 1: 177-207.
Distr: Inner Mongolia, Hebei, Shanxi, Shandong, Jiangsu, Liaoning, Japan.
Host: *Lagerstroemia*, *Punica granatum*

234. *Eriococcus marginalis* (Borchsenius, 1949)
Ent. Obozr. 30: 336, *Acanthococcus*.
Distr.: Ningxia.

235. *Eriococcus nematosphaerus* Hu and Xie, 1981
J. Nanjing Tech. Coll. Forest Proc. No. 4; 75-82.
Distr.: Jiangsu, Zhejiang, Anhui.
Host: *Phyllostachys* sp.

236. *Eriococcus ningxianensis* Tang, 1995
The Margarodidae and others of China: 481.
Distr.: Ningxia.

237. *Eriococcus onukii* Kuwana, 1902
Calif. Sci.Proc. (ser. 3 Zool.) 3: 51.
Distr.: Zhejiang.

Host: *Sasa*.

238. *Eriococcus populi* (Matesova, 1967)
Zool. Zhur. 46: 1196, *Acanthococcus*.
Distr.: Xijian.
Host: *Populus* sp.

239. *Eriococcus salicis* (Borchsenius, 1938)
Akad. Nauk. SSSR. IZv 29: 135, *Acanthococcus*.
Syn.: *Gossyparia salicicola* Tang, 1988 nec Borchsenius, 1949.
Distr.: Inner Mongolia.
Host: *Salix capltata*.

240. *Eriococcus siakwanensis* (Borchsenius, 1960)
Ent. Obozr. 39: 916, *Acanthococcus*.
Distr.: Yunnan.
Host: Compositae.

241. *Eriococcus sojae* Kuwana, 1917
Insect World 21: 136.
Distr.: Shantung.
Host: *Glycine max*.

242. *Eriococcus ulmaxius* (Danzig, 1975)
Entomol. Obozr. 54 (1): 66(?), *Acanthococcus*.
Syn.: *Gossyppara spuria* Tang, 1988, nec. Modeer, 1778.
Distr.: Inner Mongolia.
Host: *Ulmus propiqua*.

243. *Eriococcus uvaeursi* (Linnaeus, 1761)
Faun. suec., *Coccus*.
Distr.: Inner Mongolia.
Host: *Artemisia*.

92. Genus *Fulbrightia* Ferris, 1950

Fulbrightia Ferris, 1950, Microentomology 15: 7. Type species: *Fulbrightia gallicola* Ferris, 1950.

244. *Fulbrightia gallicola* Ferris, 1950
Microentomology 15: 7.
Distr.: Yunnan.
Host: *Quercus* sp.

93. Genus *Gossyparia* Signoret, 1875

Gossyparia Signoret, 1875, Soc. Ent. de France Ann. (Bul. Ent.) (ser. 5) 4: ccxx; 1875, Soc. Ent. de France Ann. (ser. 5) 5: 16, 20. Type species: *Coccus spuria* Modeer, 1778.

245. *Gossyparia salicicola* Borchsenius, 1949
Fn. URSS Hom. 7: 328, figs.
Distr.: Inner Mongolia.
Host: *Salix capitata*.

94. Genus *Gossypariella* Borchsenius, 1960

Gossypariella Borchsenius, 1960, Ent. Obozr. 39: 920. Type species: *Rhizococcus siamensis* Takahashi, 1942.

246. *Gossypariella siamensis* (Takahashi, 1942)
Rep. Agr. Res. Inst. Taiwan 81: 6, figs.., *Rhizococcus*.
Distr.: Yunnan. Thailand.
Host: *Ficus*

95. Genus *Kaweckia* Koteja and Zak-Ogaza, 1981

Kaweckia Koteja and Zak-Ogaza, 1981, Acta. Zool. Craw 25 (19): 502. Type species; *Eriococcus glyciae* Green, 1921.

247. *Kaweckia glyceriae* (Green, 1921)
Ent, Monthly Mag. 57: 146, *Eriococcus*.
Distr.: Inner Mongolia
Host: *Cleistogenes*, *Poa*.

96. Genus *Neokaweckia* Tang, 1995

Neokaweckia Tang, 1995, The Margarodidae and others of China; 513. Type specis: *Greenisca rubra* Matesova, 1960.

248. *Neokaweckia laeticoris* (Tereznikova, 1965)
Akad. Nauk. UkrIN. rsr Dopovidi 7: 957, *Greenisca*.
Distr.: Inner Mongolia.
Host: *Stipa* sp.

97. Genus *Physeriococcus* Borchsenius, 1959

Physeriococcus Borchsaenius, 1959, Ent. Obozr. 38: 164. Type species: *Physeriococcus cellulosus* Borchsenius, 1959.

249. *Physericoccus cellulosus* Borchsenius 1959
Ent. Obozr 38: 165,173, figs.
Distr.: Yunnan.
Host: *Quercus* sp.

98. Genus *Proteriococcus* Borchsenius, 1960

Proteriococcus Borchsenius, 1960 Ent. Obozr. 39: 916. Type species: *Proteriococcus acutispinus* Borchsenius, 1960.

250. *Proteriococcus acutispinus* Borchsenius, 1960
Ent.Obozr. 39: 916, 960, fig.
Distr.: Yunnan.
Host: *Pasania* sp., *Lithocarpus*

99. Genus *Rhizococcus* Signoret, 1875

Rhizococcus Signoret, 1875, Soc. Ent. de France Ann. (ser. 5) 5: 16, 36. Type species *Rhizococcus gnidii* Signoret, 1875. Syn.: *Uhleria* Cook, 1881.

251. *Rhizococcus agropyri* Borchsenius, 1949
Akad. Nauk. Inst. (n. s. 38): 359.
Syn.: *Rhizococcus iljiniae* Tang, 1988 nec Danzig, 1972.

Distr.: Inner Mongolia.
Host: *Agropyron* sp.

252. *Rhizococcus cingulatus* (Kiritchenko, 1940)
Acad. des Sci. URSS, Trav. de l Inst. Zool. 131, *Eriococcus.*
Syn.: *Eriococcus longispimus* Borchsenius, 1937 .
Distr.: Ningxia, Inner Mongolia.

253. *Rhizococcus deformis* (Wang, 1974)
Acta Entomologica Sinica 17 (3): 329-330, *Eriooccus.*
Distr.: Hainan.
Host: *Pwrotis* sp.

254. *Rhizococcus minimus* (Tang, 1988)
Observation on the Coccoidea of Inner Mongoli in China: 71, *Acanthococcus.*
Distr.: Inner Mongolia.
Host.: *Artemisia argyi.*

255. *Rhizococcus multispinatus* Tang, 1995
The Margaroodidae oand others of China: 533.
Distr.: Ningxia, Inner Mongolia,
Host: *Artemisia* sp., *Taxaxacum mongolicum, Artemisia ordosica.*

256. *Rhizococcus oblongus* Borchsenius 1949
Akad. Nauk. Zool. Innst. (n. s. 38) 7: 35.
Distr: Xijiang.
Host: *Avena fatua.*

257. *Rhizococcus orientalis* (Danzig, 1975)
Entomol. Obozr. 54 (1): 79, *Acaanthococcus cingulatus orientalis.*
Distr.: Inner Mongolia
Host: *Artemisia* sp.

258. *Rhizococcus rugosus* (Wang, 1982)
Acta Entomologica Sinica 25 (4): 441-442, *Eriococcus.*
Distr: Zhejiang.
Host: *Phyllostachys pubescens.*

259. *Rhizococcus trispinatus* (Wang, 1974)
Acta Entomologica Sinica 17 (3):331-332, *Eriococcus.*
Distr.: Beijiang.
Host: *Phragmites communis.*

260. *Rhizococcus zygophylli* (Archangelskaia, 1931)
Leningrad Inst. Zashch. Rast. (Lenin. Acad. Agr. Sci., USSR, Inst. Plant Protection 7: 72, *Eriococcus.*
Distr.: Ningxia.

Family Kermesidae = (Kermococcidae, Kermidae)

100. Genus *Kermes* Boitard, 1828

Kermes Boitard, 1828, Les Gallinesctes, in Manuel d'Entomologie ou Histoire Naturelle des Insectes, v. 2: 171. Type species: *Coccus variegatus* melin, 1789 = *Chermes roboris* Fourcroy, 1785.

261. *Kermes bannzensis* Liu, 1995
Entomotaxonomia 17 (4): 267-270.

Distr.: Yunnan.

262. *Kermes flavus* Liu and Shi, 1995
Insects Mundi 9 (1-2): 155-163.
Distr.: Yunnan.

263. *Kermes chinensis*

264. *Kermes formosanus* Takahashi, 1929
Dept. Agr. Res. Inst. Formosa Rept.40: 49.
Distr.: Taiwan.
Host: *Quercus* sp.

265. *Kermes gingdaoensis* Hu, 1986
Entomotaxonomia 8: 296.
Distr.: Shandong.
Host: *Quercusa* sp.

266. *Kermes globosus* (Borchsenius, 1960)
Fn. USSR Hom. 8: 39, fig., *Kermococcus.*
Distr. Yunnan.
Host: Quercus sp.

267. *Kermes miyasakii* Kuwana, 1907
Tokyo Bull. Imp. Agric. Exp. Sta. 1: 177-207.
Distr.: Hulongjiang, Liaoning, Shandong.

268. *Kermes nakagawae* Kuwana, 1902
Pap. Calif. Ac. 3: 49, pl. 7, fig. 9-15.
Distr.: N. China. Japan, Korea, Siberia.
Host: *Quercus* sp.

269. *Kermes nawae* Kuwana, 1902
Pap. Calif. Ac. 3: 49, pl. 8, figs. 16-22.
Distr. Henan, Jiangsu, S. China. Japan, Korea.
Host: *Quercus glandulifera, Rhamnus japonica genuin, Castanea.*

270. *Kermes nigronotatus* Hu, 1986
Entomotaxonomia 8: 291.
Distr. Shandong.
Host: *Quercus acutissima, Q. variabilis.*

271. *Kermes orientals* Liu & Shi, 1995
Insects Mundi 9 (1-2): 155-163
Distr.: Shangtung.

272. *Kermes punctatus* (Borchsenius, 1960)
Fn. USSR Hom. 8: 60, fig., *Kermococcus.*
Distr.: Yunnan.
Host: *Quercus* sp.

273. *Kermes roboris* (Fourcroy, 1785)
Ent. Paris: 228, *Chermes.*
Distr.: Yunnan, Xizang, Hupei, Hunan, Anhui, Jiangsu, Zhejiang, Jiangsi, Fujian, Quizhouj, Sichuan. Japan.
Host: *Quercus* sp.

274. *Kermes siamensis* (Cockerell)
Distr.: Yunnan.
Host: *Lithocarpus.*

275. *Kermes szetshanensis* (Borchsenius, 1960)
Fn. USSR Hom. 8: 41, fig., *Kermococcus.*

Distr.: Sichuan.
Host: *Quercus* sp.

276. *Kermes taishanensis* Hu, 1986
Entomotaxonomia 8: 294.
Distr. Shandong, Sichuan.
Host: *Quercus* sp.

277. *Kermes tomarii* Kuwana, 1931
Kontyu 5:47-51, figs.
Distr.: NE China, Shandong.
Host: *Quercus*. sp.

278. *Kermes tropicalis* Takahashi, 1936
Mushi 9:1.
Distr.: Taiwan.
Host: *Quercus* sp.

279. *Kermes vastus* Kuwana, 1907
Tokyo Bull. Imp. Agric. Exp. Sta. 1: 177-207.
Distr.: Ne China, N. China, Jiangsu. Japan, Korea.
Host: *Castanoea*, *Quercus*.

280. *Kermes viridis* (Borchsenius, 1960)
Fn. USSR Hom. 8: 75, fig., *Kermococcus*.
Distr.: Yunnan.
Host: *Quercus* sp.

Family Asterolecaniidae

101. Genus *Anomalococcus* Green, 1902

Anomalococcus Green, 1902, Ent. Monthly Mag. 38: 260. Type species: *Anomalococcus cremastogastri* Green, 1902. Syn.:*Aemolus* Mahdihassen, 1934.

281. *Anomalococcus cremastogastri* Green, 1902)
Ent. Monthly Mag. 38: 261.
Distr.: Taiwan.

102. Genus *Asterococcus* Borchsenius, 1960

Asterococcus Borchsenius, 1960, Akad. Nauk SSSR Zool. inst. (n.s. 77) 8: 113-115. Type species: *Asterococcus schimae* Borchsenius, 1960.

282. *Asterococcus atratus* Wang, 1980
Chinese Acad, Sci., Science Publ. : 140.
Distr.: Szechuan, Guangdong.
Host: *Cinnamomum*, *Thea sinensis*.

283. *Asterococcus muratae* (Kuwana, 1907)
Tokyo Bull. Imp. Agric. Exp. Sta. 1: 177-207, *Cerococcus*.
Syn.: *Asterococcus pyri* Borchsenius, 1960.
Distr.: Zhejiang, Jiangsu, Sichuan, Japaan.
Host: *Citrus*, *Ficus*, *Eriobotrya japonica*, *Ilex oldhami*, *Rosa* sp., *Thea sinensis*, *Pyrus*, *Viburnum odoratissimum*, *Vitis vinifera*.

284. *Asterococcus oblatus* Xue & Zhang, 1990

Distr.: Yunnan, Sichuan.
Host: *Alnus crematagyne*, *Michelia fuscata*.

285. *Asterococcus quercicola* Borchsenius, 1960
Fn. USSR Hom. 8: 124.
Distr. Yunnan.
Host: *Quercus* sp.

286. *Asterococcus schimae* Borchsenius, 1960
Fn. USSR Hom. 8:120.
Distr.: Yunnan, Xizang, Hunan.
Host:. *Gardenia jasminoides*, *Rosa* sp.

287. *Asterococcus scleroglutaeus* Xue & Shi, 1992
Entomotaxonomica 14: 183-186.
Distr.: Sichuan, Hunan.
Host: *Magnolia grandiflora*,*Stranvaesia davidiana*, *Viburnum odoratissimum*.

288. *Asterococcus yunnanensis* Borchsenius, 1960
Fn, USSR Hom. 8: 115.
Distr. Yunnan.
Host: *Gardenia* sp. *Rosa* sp.

103. Genus *Asterodiaspis* Signoret, 1877

Asterodiaspis Signoret, 1877, Soc. Ent. de France Ann. [Bul. Ent.] (ser. 5) 6: ccix. Type species: *Aonidia ilicicola* Targioni - Tozzetti, 1888.

289. *Asterodiaspis alba* (Takahashi, 1956)
J. Shandong Agric. Univ.3: 39-40, *Asterolecanium*.
Distr.: Liaoning, Shandong.
Host: *Quercus glandulifera*.

290. *Asterodiaspis biformis* Liu & Shi, 1990
Entomotaxonomia 15 (3): 181-188.
Distr.: Yunnan.
Host: *Castanopsis delavyi*.

291. *Asterodiaspis changbaishanensis* Liu & Zhang, 1989
J. Shandong Agric. Univ. 2: 23-26.
Distr.: Jilin.
Host: *Quercus robur*.

292. *Asterodiaspis deformis* Liu, 1992
Entomotaxonomia 14: 22.
Distr. Yunnan.
Host: *Quercus* sp.

293. *Asterodiaspis glandulifera* Liu and Shi, 1989
J. Shandong Agric. Univ. 3: 39-50.
Distr.: Shandong.
Host: *Quercus glandulifera*.

294. *Asterodiaspis inermis* Borchsenius, 1960
Zool. Inst. Akad. Nauk SSSR (N. S.) 77: 205, fig.
Distr.:Yunnan.
Host: *Quercus* sp.

295. *Asterodiaspis japonicus* (Cockerell, 1900)
Psyche 9: 71, *Asterolecanium variolosum* var. *japonica*.

Distr.: Liaoning, Taiwan.
Host: *Quercus* sp., *Lithocarpus*.

296. *Asterodiaspis liui* Borchsenius, 1960
Zool. Inst. Akad. Nauk SSSR (N. S.) 77: 191.
Distr.: Zhejiang, Yunnan.
Host: *Quercus* sp., *Zelkova*.

297. *Asterodiaspis multipora* Liu and Shi, 1989
J. Shandong Agric. Univ. 3: 39-50.
Distr. Shandong.
Host: *Quercus acutissima*.

298. *Asterodiaspis quercicola* (Bouche, 1851)
Stett. Ent. Zeit. 12: 112, *Lecanium*.
Distr.: Shandong.
Host: *Quercus* sp.

299. *Asterodiaspis suishae* (Russell, 1941)
Misc. Publ. U. S. Agric. Dept. 424: 203, *Asterolecanium*.
Distr.: Taiwan.
Host: *Lithocarpus*.

300. *Asterodiaspis szetchuanensis* Borchsenius, 1960.
Zool. Inst. Akad. Nauk SSSR (N.S.) 77: 199.
Distr.: Sichuan.
Host: Fagaceae.

301. *Asterodiaspis variabile* (Russell, 1941)
Misc. Publ. U. S. Dep. Agric. 424: 213, *Asterolecanium*.
Distr.: Shandong. U. S. A.
Host: Bambusa.

104. Genus *Asterolecanium* Targioni - Tozzetti, 1868

Asterolecanium Targioni - Tozzetti, 1868 (separate) Soc. Ital. di Sci. Nat. Atti 11: 41; 1869, 11: 734. Type species: *Coccus aurcus* Boisduval, 1868.

302. *Asterolecanium beilunensis* Hu, 1988
Contr. Shanghai Inst. Entomol. 8: 193.
Distr.: Zhejiang.
Host: *Thea*.

303. *Asterolecanium cinnamomi* Borchsenius, 1960
Zool. Inst. Akad. Nauk SSSR (n. s.) 77: 161, figs.
Distr.: Yunnan.
Host: *Cinnamomum*.

304. *Asterolecanium corallinum* Takahashi, 1928
Philip. J. Sci. 36: 339, fig.
Distr.: Taiwan.
Host: *Sideroxylon ferrugineum*.

305. *Asterolecanium machili* Russell, 1941
Misc. Publ. U. S. Dept. Agric. 424: 125.
Distr. Taiwan.
Host: *Machilus* sp., *Phoebe*.

306. *Asterolecanium psychotriae* Russell, 1941
Miisc. Publ. U. S. Dept. Agric. 424: 162.

Distr.: Taiwan.
Host: *Psychotria* sp.

307. *Asterolecanium theae* Tang, 1995
The Margarodidae and others of China: 347.
Distr.: Zhejiang.
Host: *Thea sinensis*.

105. Genus *Bambusaspis* Cockerell, 1902

Bambusaspis Cockerell, 1902, Entomologist 35: 114. Type species: *Chermes miliaris* Bosiduval, 1869.

308. *Bambusaspis abiectus* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric 424: 35.
Distr.: Guangdong.
Host: *Bambusa vulgaris*, *Gigantochloa apus*.

309. *Bambusaspis bambusae* (Boisduval, 1869)
Insectologie Agricola 3: 280-281, *Asterolecanium*.
Distr.: Guangxi, Guangdong, Yunnan, Inner Mongolia, Anhui, Jiangxi, Taiwan, Guangdong, Guangxi, Hongkong, Hulongjiang. Japan, India, Burma.
Host: *Bambusa stenostachya*, *Sasa*.

310. *Bambusaspis bambusicola* (Kuwana, 1916)
Annot. Zool. Japan (: 145-152, pl. *ASterolecanium*.
Syn: *Asterolecanium bambusae* var. *tuberculata* Takahashi, 1928, *Asterolecanium tuberculatum* Takahashi, 1929.
Distr.: Taiwan, Guangdong. Japan.
Host: *Bambusa*, *Phyllostachya bambusioides*.

311. *Bambusaspis caudatus* (Green, 1930)
Stettin Ent. Z, 91: 214, figs., *ASterolecanium*.
Distr.: Guangdong, Guangxi.
Host: *Bambusa* spp., *Dendrocalamus* sp.

312. *Bambusaspis chinae* (Russell, 1941)
Misc. Publ. U.S. Dept. Agric. 424: 65, *Asterolecanium*
Distr.: Guangdong, Fujian, Zhejiang.
Host: *Bambusa fexuosa*, *Phyllostachys* sp.

313. *Bambusaspis circulare* (Russell, 1941)
Misc. Publ. U.S. Dept. Agric. 424: 66, *Asterolecanium*.
Distr: Hainan, Guangdong, GUangxi.
Host: *Bambusa*.

314. *Bambusaspis coronatus* (Green, 1909)
Coccidae of Ceylon: 327, pl. 124, *Asterolecanium*.
Distr.: Taiwan. Sri lanka, Japan, Micronesia.
Host: *Bambusa*.

315. *Bambusaspis delicatus* (Green, 1896)
The Coccidae of Ceylon: 5. *Planchonia*
Distr.: Fujian.
Host: *Bambusa*.

316. *Bambusaspis disiunctus* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 79, *Asterolecanium*.
Distr.: Yunnan.

Host: *Schizostachyium* sp.

317. *Bambusaspis florus* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 94, *Asterolecanium*
Distr.: Guangxi, Guangdong, Hainan.
Host: *Arundinaria.*

318. *Bambusaspis fusus* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 95, *Asterolecanium.*
Distr. Guangdong, Hainan.
Host: *Arundinaria.*

319. *Bambusaspis hemisphaeicus* (Kuwana, 1916)

Annot. Zool. Japan 9:145, *Asterolecanium.*
Distr.: Guangdong, Zhejiang.
Host: *Arundinaria chino, Bambusa metake, Phyllostachys* sp.

320. *Bambusaspis huichowensis* Zhang, 1992

Distr.: Anhui.
Host: *Indocalamus* sp.

321. *Bambusaspis jubatus* Wu, 1983

Acta Entomologica Sinica 26 (20: 209.
Distr.: Anhui.
Host: *Indocalamus migoi.*

322. *Bambusaspis largus* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 118, *Asterolecanium largum*
Distr. China.
Host: *Bambusa.*

323. *Bambusaspis longulus* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 121, *Asterolecaniumlongulum.*
Distr. Hongkong.
Host: *Arundinaria sinica.*

324. *Bambusaspis longus* (Green, 1896)

Ind. Mus. Notes 4: 5, *Planchoniamiliaris.*
Syn.: *Asterolecanium lanceolatum* Green, 1909; A. *lineare*, Green, 1919.
Distr.: Taiwan, Guangdong, Guangxi.
Host: *Bambusa.*

325. *Bambusaspis marginalis* Borchsenius, 1960

Akad. Nauk SSR Zoopl. Inst. (n. s. 77) 8: 135.
Distr.: Yunnan.
Host: Bamboo stem.

326. *Bambusaspis masuii* (Kuwana, 1916)

Annt. Zool. Japan 9: 148, *Asterolecanium.*
Distr.: Guangdong.
Host: *Arundinaria* .

327. *Bambusaspis miliaris* (Boisduval, 1869, 1905)

Insectol. Agricole:261, *Asterolecanium*
Distr.: Guangxi.
Host: *Bambusa.*

328. *Bambusaspis mimicus* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 130, *Asterolecanium.*
Distr.: Guangdong, Guangxi, Hongkong.
Host: *Bambusa.*

329. *Bambusaspis minusculus* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 133, *Astereolecanium minusculum.*
Distr.: Guangdong, Guangxi, Hainan.
Host: *Bambusa* .

330. *Bambusaspis minutus* (Takahashi, 1930)
Dept. Agric. Res. Inst. Formosa Rept. 48: 10, *Asterolecanium.*
Distr.: Guangdong, Fujian, Taiwan.
Host: *Arundinaria glaucescens*, *Bambusa* spp., *Dendrocalamus* sp.

331. *Bambusaspis neojubatus* Tang, 1995
The Margarodidae and others of China: 381.
Distr.: Honan.
Host: *Phyllostaychys.*

332. *Bambusaspis notabilis* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 140, *Asterolecanium notabile.*
Distr.: Guangdong.
Host: *Arundinaria ambilis.*

333. *Bambusaspis oblongus* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 142, *Asterolecanium oblongum.*
Distr.: Zhejiang.
Host: *Gigantochla essellata.*

334. *Bamnusaspis ordinarius* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 144, *Asterolecanium ordinarium.*
Distr.: China.

335. *Bambusaspis parvus* (Russell, 1941)
Misc. Publ. U.S. Dept. Agric. 424: 148, *Asterolecanium parvum.*
Distr.: Hainan.
Host: *Bambusa.*

336. *Bambusaspis penicillatus* (Russelll, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 150, *Asterolecanium penicillatum.*
Distr.: Guangdong.
Host: *Bambusa.*, *Dendrocalamus..*

337. *Bambusaspis pseudolanceolatus* (Takahashi, 1933)
Dept. Agric. Res. Inst. Formosa Rept. 60:34, *Asterolecanium* pseudolanceolatum.
Distr. Taiwan, Guangdong.
Host: *Bambusa.*

338. *Bambusaspis pseudomiliaris* (Green, 1922)
J. Bomby Nat. Hist. Soc. 28: 10036, figs., *Asterolecnium pseudomilliarium.*
Syn.: *Asterolecanium charmyi* Green, 1924: A. *pseudomiliaris bambusifoliae* Takahashi, 1930.
Distr.: Fujian, Guangdong, Guangxi, Taiwan.
Host: *Bambusa* .

339. *Bambusaspis pseudominuscula* Borchsenius, 1960
Zool. Inst. Akad. Nauk SSR (n. s. 77): 142, fig.
Distr.: Yunnan.
Host: Bamboo stem.

340. *Bambusaspis pusillus* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 163, *Asterolecanium pusillum.*
Distr.: Hainan.

Host: *Schizostachyum*.

341. *Bambusaspis qinyunensis* Hu and Xie, 1988

Contr. Shanghai Inst. Entomol. 8: 196.
Distr: Zhejiang.
Host: *Indocalamus tessellatus*.

342. *Bambusaspis radiatus* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 175, *Asterolecanium radiatum*.
Distr.: Guangdong.
Host: *Schizostachyum*.

343. *Bambusaspis robusta* (Green, 1908)

Mem. Dept. Agric. India 2: 19, *Asterolecanium miliaris* var. robusta.
Syn.: *Bambusapis miliaris* var. *longum* Williams and Watson, 1990.
Distr.: Guangdong, Guangxi, Taiwan.
Host: *Bambusa*, *Dendrocalamus*, *Phyllostachys* sp.

344. *Bambusaspis shanghensis* Wu, 1992

Acta Entomologica Sinica 35: 75-77.
Distr.: Guangdong.
Host: *Bambusa stenostachya*.

345. *Bambusaspis sparus* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 193, *Asterolecanium*.
Distr.: Guangdong.
Host: *Dinochloa utilis*.

346. *Bambusaspis subdolus* (Russelll, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 201, *Asterolecanium subdolum*.
Distr.: Fujian.
Host: *Phyllostachys aurea*.

347. *Bambusaspis vulgare* (Russell, 1941)

Misc. Publ. U. S. Dept. Agric. 424: 226, *Asterolecanum*.
Distr.: Guangdong.
Host: *Bambusa* sp.

106. Genus *Cerococcus* Comstock, 1882

Cerococcus Comstock, 1882, U. S. Dept. Comnu. Agr., 1881-1882: 213. Type species: *Cerococcus quercus* Comstock, 1882. Syn. *Antyecercoccus* Green, 1901; *Amelococcus* Marchal, 1904; *Cerococcus* Scott, 1907; *Copricoccus* Mahdihassen,m 1933.

348. *Cerococcus citri* Lambdin, 1986

Distr.: Zhejiang, Shandong.
Host: *Citrus.*, *Michelia fuscata*, *M. alba*, *Gardenia jasminoides*.

349. *Cerococcus ornatus* Green, 1909

The Coccidae of Ceylon: 306.
Distr.: Taiwan.
Host: *Psychotria elliptica*.

107. Genus *Cosmococcus* Borchsenius, 1959

Cosmococcus Borchsenius, 1959, Ent. Obozr. 38: 842-843. Type species: *Cosamococcus erythrinae* Borchseninus, 1959.

350. *Cosmococcus albizziae* Borchsenius, 1960

Akad. Nauk. SSR Zool.Inst. (n.s. 77) 8, 244..
Distr.: Yunnan.
Host: *Albizzia mollis.*

351. *Cosmococcus erythrinae* Borchsenius, 1959
Ent. Obozr. 38: 845.
Distr: Yunnan. India.
Host: *Erythrina indica*, *Ficus benghalensis.*

352. *Cosmococcus euphorbiae* Borchsenius, 1959
Ent. Obozr. 38: 845.
Distr.: Yunnan.
Host: *Euphorbia splendena.*

108. Genus *Hsuia* Ferris, 1950

Husia Ferris, 1950, Miceoentomology 15: 70-71. Type species: *Husia vitrea* Ferris, 1950.

353. *Hsuia cheni* Borchsenius, 1960
Fn. URSS Hom. 8: 167, figs.
Distr: Sichuan.

354 *Hsuia vitrea* Ferris, 1950
Microentomology 15: 71, figs.
Distr.: Yunnan.
Host: *Bambusa.*

109. Genus *Lecanodiaspis* Targioni - Tozzetti, 1869

Lecanodiaspis Targioni - Tozzetti, 1869, Soc. Ent. Ital. Bul. 1: 261. Type species: *Lecanodiaspis sardoa* Targioni -Tozzetti, 1869. Syn.: *Birchippia* Green, 1900; *Prosopophora* Douglas, 1892; *Lecaniodiaspis* Signoret, 1897.

355 *Lecanodiaspis circularis* (Borchsenius ,1960)
Akad. Nauk SSR Zool. Inst. (n. s. 77) 8, 226, *Prosopophora.*
Distr.: Yunnan.

356. *Lecanopdiaspis costata* (Borchsenius, 1959)
Ent. Obozr. 38: 84, *Psoraleococcus.*
Distr.:Yunnan.
Host: *Castanea molissima*, *Quercus acutissma*, *Q. variabilis.*

357. *Lecanodiaspis cremastogastri* Takahashi, 1929
Dept. Agr. Govt. Res. Inst. of Formosa ept. 10: 47.
Distr: Taiwan.
Host: *Lithocarpus.*

358. *Lecanodiaspis elongatus* Ferris, 1950
Microentomology 15: 6.
Distr.: Yunnan.
Host: *Lithocarpus spicata.*

359. *Lecanodiaspis foochowensis* Takahashi, 1936
Peking Nat. Hist. Bul. 10: 217, *Lecanodiaspis cremastogastri foochowensis.*
Distr.: Fujian. Thailand.
Host: *Quercus* sp., *Lithocarpus.*, *Castanopsis* sp.

360. *Lecanodiaspis majesticus* Wang and *al.*, 1986
Acta Entomologica Sinica 29 (3): 303.

Distr.: Shandong.
Host: *Pasania cleistecarpa.*

361. *Lecanodiaspis pasaniae* (Borchsenius ,1960)
Akad. Nauk SSR Zool. Inst. (n.s. 77) 8: 224, *Prosopophora.*
Distr.: Sichuan.

362. *Lecanodiaspis peni* (Borchsenius, 1960)
Akad. Nauk SSR Zool. Inst. (n.s. 77) 8: 229., *Prosopophora.*
Distr: Sichuan.

363. *Lecanodiaspis robiniae* (Borchsenius, 1960)
Akad. Nauk SSR Zool. Innst. (n.s. 77) 8: 230, *Prosopophora.*
Distr.: Yunnan.
Host: *Robinia pseudoacacia.*

364. *Lecanodiaspis tingtunensis* Borchsenius, 1960
Akad. Nauk SSR Zool. Inst. (n.s. 77) 8: 231.
Distr.: Yunnan.
Host: *Pasania* sp., *Quercus* sp..

110. Genus *Liuaspis* Borchsenius, 1960

Liuaspis Borchsenius, 1960, Akad. Nauk SSSR Zool. Inmst. (n.s.77) 8: 174. Type species: *Liuaspis sinensis* Borchsenius, 1960.

365. *Liuaspis sinensis* Borchsenius 1960
Fn. URSS Hom. 8: 174, figs.
Distr.: Yunnan.
Host: *Bambusa.*

111. Genus *Neoasterodiaspis* Borchsenius, 1960

Neoasterodiaspis Borchsenius, 1960 Akad. Nauk SSSR Zool. Inst. (n. s. 77) Fauna SSSR 8: 207-208. Tyep species: *Asterodiaspis pasaniae* Kuwana and Cockerell, 1909.

366. *Neoasterodiaspis castaneae* (Russell, 1941)
Misc. Publ. U.S. Dept. Agric. 424: 59, *Asterolecanium.*
Distr.: Jiangsu, Zhejiang.
Host: *Castanea.*

367. *Neoasterodiaspis horishae* (Russell, 1941)
Misc. Publ. U.S. Dept..Agric. 424: 106, *Asterolecanium*
Distr.: Taiwan.
Host: *Lithocarpus* , *Quercus* sp.

368. *Neoasterodiaspis kuminensis* Borchsenius, 1960
Fn. USSR HOm. 8: 209, figs.
Distr.: Yunnan.
Host: Fagaceae.

369. *Neoasterodiaspis nitidum* (Russell, 1941)
Misc. Publ. U.S. Dept. Agric. 424: 139, *Asterolecanium.*
Distr.: Zhejiang.
Host: *Lithocarpus, Quercus, Pasania* sp.

370. *Neoasterodiaspis skanianae* (Russell, 1941)
Misc. Publ. U. S. Dept. Agric. 424: 191, *Asterolecanium.*
Distr.: Guizhou.

Host: *Castanopsis.*

371. ***Neoasterodiaspis szemaoensis*** **Borchsenius, 1960**
Fn. USSR Hom. 8: 211, figs.
Distr.: Yunnan.
Host: Fagaceae.

372. ***Neoasterodiaspis yunnanensis*** **Borchsenius, 1960**
Fn. USSR Hom. 8: 212, figs.
Distr.: Yunnan.
Host: *Castanopsis.*

112. Genus *Pauroaspis* Tang, 1995

Pauroaspis Tang, 1995, The Margarodidae and others of China: 326. Type species: *Asterollllecanium ceriferum* var. *ceriferum* Green, 1909.

373. ***Pauroaspis elongatus*** **(Russell, 1941)**
Misc. Publ. U.S. Dept. Agric. 424: 81, *Asterolecanium elongatum.*
Distr.: Guangdong.
Host: *Bambusa.*

374. ***Pauroaspis rutilan*** **(Wu, 1983)**
Acta Entomqlogica Sinia 26 (4) : 428, *Bambusaspis*
Distr.: Anhui.
Host: *Phyllostachys edulis.*

375. ***Pauroaspis scirrosis*** **(Russell, 1941)**
Misc. Publ. U.S. Dept. Agric. 424: 184, *Asterolecanium.*
Distr.: Guangdong. Philippine, Cuba, Brazill.
Host: *Bambusa, Dendrocalamus.*

113. Genus *Phenacobryum* Cockerell, 1902

Phenacobryum Cockerell, 1902, Entomologist 35: 114. Type sepcies: *Planchonia bryoides* Maskell, 1892.

376. ***Phenacobryum bryoides*** **(Maskell, 1894)**
N. Z. Trans. 26: 84, *Planchonia bryoides.*
Distr. Zhejiang. Fiji, India.
Host: *Euphorbia* etc.

377. ***Phenacobryum echinatum*** **(Wang, 1986)**
Acta Entomologica Sinica 29 (3):302-303 *Cerococcus echinatus.*
Distr.: Szechuan.
Host: *Alangium platanifolium.*

378. ***Phenacobryum ficoides*** **(Green, 1899)**
Ent. Monthly Mag. 35: 225, *Cerococcus..*
Distr.: Taiwan. Innnndia.
Host: *Ficus retusa, Gardenia Jasminoides, Mallotuus japonicus, Rhododendron , Thea sinensis.*

379. ***Phenacobryum indicum*** **(Maskell, 1897)**
New Zealand Inst. Trans. and Proc. 29 (1896): 318, *Eriococcus paradoxus* var. *indicum.*
Syn.: *Cerococcu hibisci* Green, 1908.
Distr.: Shandong, Yunnan. India, Pakestan, Sri-Lanka, Malaya, Burma.
Host: *Leguminosae.*

380. *Phenacobryum indigoferae* Borchsenius, 1960
Akad. Naauk. SSR Zool. Inst. (n. s. 77) 8, 111.
Distr. Yunnan.
Host: *Indigofera.*

114. Genus *Planchonia* Signoret, 1870

Planchonia Signoret, 1870, Soc.Ent. de France Ann. (ser.4) 10: 282. Type species: *Coccus fimbriatus Fonscolombe*, 1834.

381. *Planchonia tokyonis* (Kuwana, 1916)
Annt. Zool. Japan 9: 145-152, pl., *Asterolecanium.*
Distr.: Quangdong, Quizhou.
Host: *Castanopsis, Pasania.*

115. Genus *Psoraleococcus* Borchsenius, 1959

Psoraleococcus Borchsenius, 1959, Ent. Obozr. 38: 841. Type species: *Soraleococcus verrucosus* Borchsenius, 1959.

382. *Psoraleococcus verrucosus* Borchsenius, 1959
Ent Obozr. 38: 842.
Distr. Yunnan, Taiwan.
Host: *Glochidion* sp.

116. Genus *Russellaspis* Bodenheimer, 1951

Russellaspis Bodenheimer, 1951, Ent. Ber. 13: 328. Type species: *Asterodiaspis pustulans* Cockefrell, 1892.

383. *Russellaspis pustulans* (Cockerell, 1892)
Jour. Inst. Jam. 1: 143, Asterodiaspis.
Syn.: *Asterolecanium pustulans* var. *sambuci Cockerell*, 1903; *Asterolecanium pustulans* var.*seychellum* Green, 1910; *Asterolecanium morini* Mamet, 1937.
Distr.: Taiwan.
Host: *Quercus* sp.

Family Phoenicoccidae

117. Genus *Phoeniococcus* Cockerell, 1899

Phoeniococcus Cockerell, 1899, Acad. Nat. Sci. Phhi;. Proc. 1899: 262. Type species: *Phoeniococcus marlatti* Cockerell, 1899.

384. *Phoenicococcus marlatti* Cockerell, 1911
Bull. Ent. Res. 2: 104.
Distr.:Shanxi, Shanghai.
Host: Palmae.

118. Genus *Thysanococcus* Stickney, 1934

Thysanococcus Stickney, 1934, U. S. DEpt. Agr. Tech. Bul. 404: 116. Type species: *Thysanococcus chinenmsis* Stickney, 1934.

385. ***Thysanococcus chinensis*** **Stickney, 1934**
Tech. Bull. U. S. Dep. Agric. 404: 120, fig.
Distr.:Guangdong.
Host: *Calamus tetradactylus.*

386. ***Thysanococcus squamulatus*** **Stickeny, 1934**
Tech. Bull. U. S. Dep. Agric. 404: 135, fig.
Distr.: Guangdong, Hongkong.
Host: *Calamus tetradactylus.*

Family Kerridae =(Tachardiidae, Lacciferidae)

119.Genus *Albotachardia* Zhang, 1992

Albotachardia Zhang, 1992 Oriental Insects 26: 387. Type species: *Albotachardia sinensis* Zhang, 1992.

387. ***Albotachardia sinensis*** **Zhang, 1992**
Oriental Insects 26: 387.
Distr.: Yunnan.
Host: *Ficus.*

388. ***Albotachardia yunnanensis*** **Zhang, 1992**
Oriental Insects 26: 387.
Distr.: Yunnan.
Host: *Ficus.*

120. Genus *Euphilippia* Berlese and Silvestri, 1906

Euphilippia Berlese and Silvestri, 196, Redia (1905) 3: 396. Type species: *Euphilippia olivina* Berlese and Silvestri, 1906.

389. ***Euphilipippia monticola*** **Wang, 1976**
Acta Ent. Sinica 19 (3): 342.

121. Genus *Laccifer* Oken, 1815

Laccifer Oken, 1815, Lehrbuch der Naturgeschichte, Sect. 3 (Zool. 1): 430. Type species: *Coccus lacca* Kerr, 1782.

390. ***Laccifer chinensis*** **(Mahdihassan, 1923)**
Bull. Ent. Res. 14: *Tachardia*
Distr.: Yunnan, Xizang. India, Burma, Indonesia, Vietnam.
Host: *Acacia, Ficus, Dalbergia, Quisqualis.*

391. ***Laccifer decorella*** **(Maskell, 1892)**
New zealand Trans. Inst. 25: 247, 1900.
Distr.: Zhejiang, Gungdong,. India, Australia.
Host: *Camellia sinensis, Eugenia smithi, Gardenia florida, Myrica rubra, Monotoca elliptica, Leucopugon microphyllus, Populus, Prunus mume.*

392. ***Laccifer fici*** **(Green, 1903)**
Ind. Mus. Notes 5: 197 *Tachardia.*
Distr.:Guangdong.

Host: *Ficus benghalensis*, *F. carica*.

393. *Laccifer greeni* (Chamberlin, 1923)

Bull. Ent. Res. 14: 169, fig. *Tachardia*.

Distr. Fujian, Taiwan, S. China, SW China. Philippine, Thailand.

Host: *Cajanus cajan*, *Dalbergia obtusifolia*, *D. szemaoensis*, *D. collettii*, *Domocarpus longan*, *Eriolanea spectabilis*, *Ficus*, *Ficus altissima*, *Ficus carica*, *Litchi chinensis*, *Mangifera indica*, *Terminalia catappa*.

394. *Laccifer lacca* (Kerr, 1782)

Philor. Trans. 71: 324, *Coccus*.

Distr.: Jiangxi, Fujian, Taiwan, Gungdong, Guizhou, unnan, Xizang. India, Sri Lanka, E. Asia.

Host: *Camellia sinensis*, *Eugenia smithi*, *Gardenia florida*, *Leucopugon microphyllus*, *Monotoca elliptia*, *Myrica cerifera*,.

395. *Laccifer mendingensis* Zhang, 1993

Oriental Insects 27: 276.*Kerria*..

Distr.: Yunnan.

Host: *Ficus benjamina*. *F. lacor*.

396. *Laccifer ruralis* Wang et al., 1982

Sci. Silvae Sinicae 18 (1):53-57.

Distr.: Yunnan, Xizang. India, Burmaa.

Host: *Acacia*, *Dalbergia*, *Ficus*, *Mallotus philippinensis*, *Quisqualis indica*.

397. *Laccifer yunnannesis* Ou and Hong, 1990

Oriental Insects 26: 383 (=Entomotaxonomia 12 (1): 15,

Distr.: Yunnan.

Host: *Cajanus cajan*, *Dalbergia obtusifolia*, *Dalbergia szemaoensis*, *E. malvacea*, *Eriolaena spectabilis*, *Ficus altissima*, *F. benjamina*.

122. Genus *Metatachardia* Chamberlin, 1923

Metatachardia Chamberlin, 1923, Bull. Ent. Res. 14: 172. Type species: *Tachardia conchiferata* Green, 1922.

398. *Metatachardia fukiensis* Zhang, 1993

Oriental Insects 27: 274.

Distr.: Fujian.

Host: *Litchi chinensis*, *Mallotus philippinensis*.

399. *Metatachardia hunanensis* Zhang, 1993

Oriental Insects 27: 174.

Distr.: Hunan.

Host: *Mallotus philippinensis*.

400. *Metatchardia myricae* Tang 1974

Horticulture and Forest Scale Insects of China I: 102; (=Acta Entomologica Sinica 17 (2): 207, 1974).

Distr.: Zhejiang.

Host: *Myrica rubra*.

401. *Metatachardia sinensis* Zhang, 1993

Oriental Insects 27: 273.

Distr. Yunnan.

Host: *Ficus benjamina*, *Eriolaena malvacea*, *Dalbergia*.

402. *Metatachardia yunnanensis* Zhang, 1992

Oriental Insects 26: 383.
Distr.: Yunnan.
Host: *Ficus benjamina*, *Eriolaena malvacea*, *Dalbergia*.

123. Genus *Paratachardia* Balachowsky, 1950

Paratachardia Balachowsky, 1950, Eos 26: 8. Type species: *Carteria decorella* Green, 1892.

403. *Paratachardina capsella* Wang, 1986
Acta Ent. Sinica 29 (2): 197.
Distr.: Yunnan.
Host: *Rhus chinensis*.

404. *Paratachardina theae* (Green & Mann, 1907)
Mem. Dept. Agric. Ind. Ent. ser. 1: 348; 2: 28 *Tachardina decorella* var. *theae*.
Distr.: Taiwan, Anhui, Jiangxi, Fujian, Gungdong, Guangxi, Yunnan, Xizang. India.
Host: *Ficus*, *Diospyros kaki*, *Myrica rubra*, *Citrus*, *Cinchona ledgeriana*, *Camellia sinensis*, *Gardenia jasminoides*, *Litsea pungens*.

Family Acleridae

124. Genus *Aclerda* Signoret, 1874

Aclerda Signoret, 1874, Soc. Ent. de France Ann. (ser. 5) 4: vii. Type species: *Aclerda subterranea* Signoret, 1874.

405. *Aclerda acuta* Borchsenius 1960
Fn. USSR Hom. 8: 268, figs.
Distr.: Yunnan.
Host: Graminae.

406. *Aclerda longiseta* Borchsenius,
Distr.: Zhejiang.
Host: *Phragmites communis*.

407 *Aclerda sasae* Borchsenius, 1960
Fn. Hom. 8: 263, figs.
Distr.: Zhejiang.
Host: Bamboo.

408. *Aclerda takahashii* Kuwana, 1932
Philip.J. Sc. 48: 62, figs.
Distr.: Taiwan, Yunnan. Japan.
Host: *Graminae*, *Saccharum officinarum*.

409. *Aclerda tokionis* (Cockerell, 1896)
Psyche 7, Suppl. 1: 19, *Sphaerococcus*.
Syn.: *Aclerda japonica* Newstead, 1901; *A. caminensis* Hempl, 1934; *A. sacchari* Teague, 1925; *A. thysanolaenae* Mamet, 1943.
Distr.: Taiwan. Japan, N. America.
Host: *Phyllostachys pubescens*, *Saccharium officinarum*.

410. *Aclerda yunnanensis* Ferris, 1950
Microentomology 15: 16, figs.
Distr.: Yunnan.
Host: Graminae.

125. Genus *Nipponaclerda* McConnell, 1954

Nipponaclerda McConnell, 1954, Md. Agr. Expt. Sta. Bull. A-75: 107. Type pecies: *Aclerda biwakoensis* Kuwana, 1907.

411. *Nipponaclerda biwakoensis* (Kuwana, 1907)

Tokyo Bull. Imp. Agric. Exp. Sta. 1: 177-207, *Aclerda.*
Syn: *Ceroplastes australiae* Walker,1852.
Distr.: Beijing, Xizang. Japan, korea.
Host: *Phragmites communis, Agropyron* sp.

412. *Nipponaclerda leptodermis* Wang, 1994

Acta Entomologica Sinica 37 (1): 194.
Syn: *Pulvinaria flococcoia* Westwood, 1900.
Distr. Anhui.
Host: *Bambusa.*

413. *Nipponaclerda triumpha* Zhang, 1992

NanjingForest UNiv. Bull. 16 (3):111
Host: *Sinarundianaria nittida.*

Family Coccidae = (Lecaniidae)

126. Genus *Acanthopulvinaria* Borchsenius, 1952

Acanthopulvinaria Borchsewnius, 1952, Akad. Nauk SSSR Zool.Inst. Trudy 12: 297, 301. Type specis: *Pulvinaria orientalis* Nassanov, 1908.

414. *Acanthopulvinaria orientalis* (Nasonova, 1909)

St. Penerburg Ann. Mus. Zool. 13: 493-498, figs. 31-37, pl. 4, figs. 7, *Pulvinaria.*
Syn.: *Ceroplastes myrticae* (Linnaeus) Green, 1921; *Rhizopulvinaria iliginiae* Danzig, 1972.
Distr.: Xinziang. Palaearctic region.
Host: *Haloxylon.*

127. Genus Cardiococcus Cockerell, 1903

Cardiococcus Cockerell, 1903, Ann. and Mag. Nat. Hist. (ser. 7) 11: 155. Type species: *Cardioooococcus umbonatus* Cockerell, 1903.

415. *Cardiococcus formosanus* (Takahashi, 1930)

Dept. Agric. Res. Inst. Formosa Rept. 48: 34, *Inglisia* formosana.
Distr.: Taiwan.
Host: *Pyrus sertinam*

128. Genus *Ceroplastes* Gray, 1828.

Ceroplastes Gray, 1828, Spicilegia Zoologica pt. 1, p. 7. Type species: *Coccus (Ceroplastes) janeirensis* Gray, 1828. Syn.: *Baecoccus* Brain, 1920; *Ceroplastina* Cockerell, 1910; *Ceroplastidia* Cockerell, 1910; *Columnea* Targioni, 1868; *Lacca* Signoret, 1869.

416. *Ceroplastes ceriferus* (Fabricius, 1798)

Supplementum Entomologiae Systematicae: 546, *Coccus*.
Syn.: *Ceroplates australiae* Walker, 1852; *Coccus (Ceroplastes) chilensis* Targioni-Tozzetti, 1866; *Coccus vaysserei* Mahdihassan, 1933; *Lacca alba* Signoret, 1869.
Distr.: Henan, Shandong, Hebei, Hubei, Jiangsu, Zhejiang, Fujian, Taiwan, Guangdong, Jiangxi, Guangxi, Sichuan, Hunan, Yunnan. India, Sri Lanka, Japan, Hawaii.
Host: *Camellia sinensis*, *Citrus* spp., *Mibliscus*, *Gardenia*, *Myrica cerifera*, *Melaleuca*,.

417. *Ceroplastes kumingensis* (Tang & Xie, 1991)
Coccidae of China: 310, *Paraceratostegia*.
Distr.: Yunnan.
Host: *Pittosporum glabratum*, *P. tobira*.

418. *Ceroplastes pseudoceriferus* Green, 1935
Stylops 4: 180.
Distr.: Xizang, Sichuan, Fujian, Gungdong, Yunnan, Taiwan.
Host: *Ficus*, *Lichi*, *Malus*, *Pinus*, *Pyrus*, *Rosa*, *Thea*, etc.

419. *Ceroplastes rubens* Maskell, 1892
Trans. N. Z. Inst. 25: 214.
Syn.: C. *japonica* Green, 1921; *C. minor* Maskell, 1897; C. *myrticae* (Linnaeus) Green, 1921.
Distr.: Shaanxi, Henan, Hebei, Shandong, Gansu, Anhui, Jiangsu, Zhejiang, Hubei, Jiangxi, Fujian, Taiwan, Guangdong, Hongkong, Guangxi, Hunan, Sichuan, Yunnan, Xizang. India, Burma, Philippines, Japan, America, Jamaica, Australia .
Host: *Acer*, *Cameiila sinensis*, *Cinnamomum camphor*, *Citrus*, *Dimocarpus longan*, *Diospyros kaki*, *Eugenia smithi*, *Ficus macrophylla*, *Ilex latiolia*, *Magnolia purpurea*, *Malus pumila*, *Mangifera indica*, *Morus alba*, *Pyrus*.

420. *Ceroplastes xishungensis* Tang & Xie, 1991
Coccidae of China: 301.
Distr.: Yunnan.
Host: *Cycas siamensis*, *Elaeis guineensis*.

129. Genus *Chloropulvinaria* Borchsenius, 1952

Chloropulvinaria Borchsenius, 1952, Akad. Nauk SSSR Zool. Inst. Trudy, 12: 299-300. Type species: *Coccus flocciferus* Westwood, 870.

421. *Chloropulvinaria aurantii* (Cockerell, 1896)
Bull. U. S.D. A. Div. Ent. Tech. Ser. 4: 48, *Pulvinaria*.
Syn.: *Lecanium notatum* Maskell, 1897.
Distr.: Hubei, Hebei, Zhejiang, Fujian, Jiangsu, Guangdong, Taiwan, Hunan, Sichuan, Yunnan. Japan, Iran.
Host: *Citrus*, *Camellia sinensis*, *Eurya ochracea*.

422. *Chloropulvinaria floccifera* (Westwood, 1870)
Garden Chron: 308, *Coccus*..
Syn.: *Pulvinaria camelicola* Signoret, 1873; *P. floccosa* Newstead, 1900; *P. linearis* Targioni Tozzetti, 1884; *P. brassiae* Cockerell, 1895.
Distr.: Anhui, Jiangsu, Zhejiang, Guizhou
Host: *Citrus*, *Camellia oleifera*, *C. sinensis*.

423. *Chloropulvinaria okitsuensis* (Kuwana, 1914)
J. Ent. Zool. 6: 5, pl. 3, figs. 25-29, *Pulvinaria*.
Syn.: *Lecanium ochnaceae* Kuwana, 1909
Distr.: Zhejiang.

Host: *Camellia japonica*.

424. *Chloropulvinaria polygonata* (Cockerell, 1953)

Davenport Pro. Acad. 10: 131, *Pulvinaria*.

Syn.: *Pulvinaria cellulosa* Green, 1909; *P. nerri* Kanda, 1950.

Distr.: Jiangxi, Jiangsu, Taiwan, Guangdong, Hongkong, Sichuan. India, Philippines, Sri Lanka, Japan

Host: *Acacia*, *Averrhoa*, *Bambusa*, *Carica papaya*, *Citrus*, *Murraya exotica*, *Myrica*, *Psidium*.

425. *Chloropulvinaria psidii* (Maskell, 1893)

Trans and Proc. N. Z. Institute (1982) 25: 223, *Pulvinaria*

Syn.: *Lecanium cacuolatum* Green, 1916; *Lecanium vacuolatum* Green 1916; *Pulvinaria cussoniae* Hall, 1932; *P. cupaniae* Cockerell, 1893; *P. darwiniensis* Froggatt, 1915; *P. gymnosporia* Hall, 1932; *P. psidii philippina* Cockerell, 1905.

Distr.: Jiangsu, Jiangxi, Taiwan, Guangdong, Hongkong, Guangxi, Yunnan.

Host: *Artocarpus heterophyllus*, *Camellia sinensis*, *Cinchona ledgeriana*, *Citrus*, *Dryopteris filix-max*, *Eurya japonica*, *Pittosporum*, *Psidium guajava*, *Thevetia perurviana*.

426. *Chloropulvinaria taiwana* (Takahashi, 1929)

Dept. Agric. Govt. Res.Inst. Formosa Rept. 40: 61, *Pulvinaria*.

Distr.: Taiwan.

Host: *Mangifera indica*.

130. Genus *Coccus* Linnaeus, 1758

Coccus Linnaeus, 1758, Systema. Nat. (Ed. 10) 1: 455-457. Type Species: *Coccus hesperidum* Linnaeus, 1758. Syn.: *Calymnatus* Cockerell, 1901; *Calypticus* Costa, 1875; *Lecanium* Burmeister, 1835; *Taiwansas setia* Trao and *al.*, 1983.

427. *Coccus acutissimus* (Green, 1896)

Ind. Mus. Notes 4: 10, *Lecanium acutissimum*.

Syn: *Kermes aurantii* Alfonso,1875; *Lecanium asstimile amarllis* Cockerell,1894; *L. asstimile amaryllidis* Cockerell,1893.

Distr.: Taiwan, Hainan. India, Sri Lanka, Indonesia, Malaysia, Kenya, Mauritius, Thailand, Philippines, America.

Host: *Artocarpus heterophyllus*, *Dimocarpus longan*, *Mangifera indica*, *Michelia albasyzygium jambos*, *Syzygium kwangtungense*.

428. *Coccus cambodiensis* Takahashi, 1942

Rept. Agric. Res. Inst. Taiwan 81: 17, figs.

Distr.: Hainan.

Host: *Ficus retusa*.

429 *Coccus caudatus* (Green, 1896)

Ind. Mus. Notes 4: 10, *Lecanium caudatum*.

Syn.: *Coccus asiaticus* Lindinger, 1932.

Distr.: Taiwan. Sri Lanka.

Host: *Coffea arabica*, *Loranthus*, *Memecylon umbellatum*, *Passiflora*, *Pavetta*.

430. *Coccus discrepans* (Green, 1904)

Coccidae of Ceylon: 204, pl. 70, *Lecanium*.

Distr.: Taiwan, Fujian, Guangdong. India, Philippines, Japan

Host: *Callicarpa bodinieri*, *Carica papaya*, *Citrus*, *Cocos nucifera*, *Glochidion puberum*, *Maesa japonica*, *Mangifera indica*.

431. *Coccus formicari* (Green, 1896)

Ind. Musd. Notes 4: 10, *Lecanium*.

Syn. *Lecanium globulosum* Maskell, 1897.

Distr.: Taiwan, Fujian.

Host: *Aegle sepiaria*, *Aglia odorata*, *Ardisia sieboldii*, *Areca oleracea*, *Artocarpus integrifolia*, *Bischofa javanica*, *Callicarpa formosana*, *Camellia japonica*, *Camellia sinensis*, *Canarium album*, *Cinnamomum camphora*, *C. noinale*, *C. zeylanicum*, *Diopyros kaki*, *D. discolor*, *Eucalyptus* , *Eugenia javanica*, *Evodia triphylla*, *Ficus leucantatoma*, *F. vasculosa*, *F. wightiana*, *F.* sp., *Garcinia spicata*, *Gardenia florida*, *Gordonia axillaris*, *Grevillea robusta*, *Kentiamacarhurii*, *Lagerstroemia floserginae*, *Lithocarpus*, *Machilus* sp., *Mangifera indica*, *Michelia alba*, *M.* sp., *Myristica heterophylla*, *Ola europa*, *Palaquium formosanum*, *Perswa gratissima*, *Prunus* , *Psidium guajava*, *Rhus vernicifluna*, *Salix*, *Sapium sebiferum*, *Scheffera octophylla*, *Schima confertiflora*.

432. *Coccus hesperidum* Linnaeus, 1758

Syst.Nat. Ed. 10: 455.

Syn. *Chermes lauri* Boisduval, 1867; *Coccus jungi* Chen, 1936; *Coccus patellaeformis* Curtis, 1843; *C. punctiferum* Green, 1904; *Kermes auranti* Alfonso, 1875; *Lecanium alienum* Douglas, 1886; *L. angustatis* Signoret, 1873; *L. asstimile amarllis* Cockerell, 1894; *L. a. amaryllidis* Cockerell, 1893; *L. ceratoniae* Gennadius, 1895; *L. depressum simuluns* Douglas, 1887; *L. flaveolum* Cockerell, 1897; *L. hesperidum alienum* Cockerell, 1899; *L. h. pacificum* Kuwana, 1902; *L. maculatum* Signoret, 1873; *L. mauritiense* Mamet, 1936; *L. minimum pinicola* Maskell, 1897; *L. nanum* Cockerell, 1896; *L. signiferum* Green, 1904; *L. terminalae* Cockerell, 1893; *L. ventrale* Ehrhorn, 1898.

Distr.: Inner Mongolia, Shandong, Zhejiang, Jiangxi, Jiangsu, Taiwan, Guangdong, Hubei, Guangxi, Fujian, Sichuan, Hunan, Yunnan, Xizang. Asia, Japan, Europe, Africa, America.

Host: *Abutilon*, *Buxus*, *Camellia japonica*, *Citrus limon*, *C. sinensis*, *Clematis flamula*, *Convolvulus tricolor*, *Cycas revoluta*, *Ilex*, *Indigofera*, *Jasminum*, *Hedera nepalensis* var. *sinensis*, *Lauus nobilis*, *Michelia* sp., *Mimosa*, *Morus nigra*, *Phlox*, *Nerium indicum*, *Oleandra*, *Rohdea japonica*.

433. *Coccus longulus* (Douglas, 1881)

Ent, Maon. Mag. 24: 97, *Lecanium*.

Syn.: *Coccus elongatus* Signoret, 1873; *C. ficus* Maskell, 1897; *Lecanium chirimolae* Maskell, 1890; *L.* (*Coccus*) *celtium* Kuwana, 1909; *L. frontale* Green, 1904; *L. kraunhianum* Lindinger, 1928; *L. wistariae* Brain, 1920; *Parthenolecanium wistarticola* Borchenius, 1957.

Distr.:Jiangxi, Taiwan, Guangdong, Sichuan. India, Burma, Philippines, Australia, Europe, America.

Host: *Acacia confusa*, *Anona montana*, *A. squamosa*, *Areca catechu*, *Calliandra haematocephala*, *Calophyllum inophyllum*, *Casuarina equisetifolia*, *Citrus*, *Codiaeum variegatum*, *Derris laxiflora*, *Erythroxylum coca var. spruceanum*, *Ficus retusa*, *Gonothalamus longifolia*, *Hibiscus rosaisinensis*, *Litchi chinensis*, *Milletia nitida*, *Morus alba*, *Myrica rubra*, *Osmanthus fragrans*, *Pithecelobium dulce*, *Pometia pinnata*, *Rhus* sp., *Vitis vinifera*.

434. *Coccus moestus* De Lotto, 1959

J. Ent. Soc. S. Africa 22: 164.

Distr. Hainan.
Host: *Cocos nucifera.*

435. *Coccus pseudomagnoliarum* (Kuwana, 1914)
Pomona J. Ent. & Zool. 6:7, *Lecanium (Eulacanium).*
Syn.: *Coccus aegaeus* De Lotto, 1973; *C. citricola* Campbell, 1914.
Distr.: Jiangsu, Guangdong. Japan.
Host: *Citrus.*

436. *Coccus viridis* (Green, 1889)
Ent. Mon. Mag. 25: 248, *Lecanium viride.*
Syn.: *Coccus viridis bisexualis* Kohler, 1978; *Lecanium (Trechocoris) hesperidum africanum* Newstead, 1906.
Distr.: Jiangxi, Taiwan, Guangdong, Yunnan. Philippines, Japan.
Host: *Aegle marmelons, Archros sapota Citrus, Coffea arabica, Eugenia* sp., *Malus, Planchonella obovata, Psisdium guajava.*

131. Genus *Dicyphococcus* Borchsenius, 1959

Dicyphococcus Borchsenius, 1959, Ent. Obozr. 38: 165, 167. Type specis: *Dicyphococcus bigibbus* Borchsenius, 1959.

437. *Dicyphococcus bigibbus* Borchsenius, 1959
Ent. Obozr 38: 168.
Distr.: Yunnan.
Host: *Cinnamomum camphora, Flemingia, Melastoma candidum, Moghsnis, Platanus orientalis, Wendlandia* sp.

438. *Dicyphococcus ficicola* Borchsenius, 1959
Ent. Obozr 38: 169.
Distr.: Yunnan.
Host: *Ficus, Pyrus.*

132. Genus *Didesmococcus* Borchsenius, 1953

Didesmococcus Borchsenius, 1953, Ent. Obozr. 33: 281. Type species: *Didesmococcus megriensis* Borchsenius, 1953.

439. *Didesmococcus koreanus* Borchsenius, 1955
Trud. Zool. Nat. Akad. Nauk SSSR 18: 288, fig.
Distr.: Liaoning, Jilin, Inner Mongolia, Shaanxi, Xinjiang, Gansu, Qunghai, Ningxia, Hebei, Shandong, Sichuan Korea.
Host: *Prunus armeniaca, P. persica, P. salicina, Ziziphus jujuba.*

440. *Didesmococcus unifasciatus* (Archangelskya, 1923)
Trans. Turkestan Sci. Doc. 1: 265, *Physokermes.*
Syn.: *Didesmococcus megriensis* Borchsenius, 1953; *Eriochiton ammygdala* Rao, 1939.
Distr.: Inner Mongolia.
Host: *Prunus armeniana* var. *sibirica.*

133. Genus *Drepanococcus* Williams & Watson, 1990

Drepanoococcus Williams & Watson, 1990, The scale insects of the Tropical South Pacific Region, Part 3. The soft scales (Coccidae) and other families. C.A.B. International, Wallingford: 102. Type species: *Eriochiton cajiani* Maskell, 1891.

441. *Drepanococcus cajani* (Maskell, 1891)

Ind. Mus. Notes 2: 81, *Erichiton*.

Distr.: Hainan, Fujian, Guangxi, Yunnan, Xizang.

Host: *Cajanus indicus*, *Bauhinia blakeana*, *Mallotus cochinchinensis*,.

442. *Drepanococcus chiton* (Green, 1909)

Coccidae of Ceylon: 287, pl. 109, *Ceroplastodes*.

Distr.: Taiwan.

Host: *Ficus retusa*.

134. Genus *Ericerus* Guerin-Meneville, 1858

Ericerus Guerin-Meneville, 1858, Soc. Ent. de France Bul. (3) 6:lxvii; Signoret, 1874, Soc. Ent. de France Ann. (5) 4: 90. Type speciess: *Coccus pela* Chavannes, 1848. Syn: *Pela* Targioni, 1866.

443. *Ericerus pela* (Chavannes, 1848)

Ann. Soc. Ent. Fr. 2, 4: 144, *Coccus*.

Syn.: *Ceroplastes cereus* Walker, 1852; *Coccus sinensis* Walker, 1852; *Coccus ceriferus* Guer, 1858; *Eulecanium potanini* Borchsenius, 1955.

Distr.:Jiangxi, Jiangsu, Hebei, Shandong, Shaanxi, Zhejiang, Fujian, Guangdong, Hunan, Sichuan, Yunnan, Guizhou. Japan, Korea, Europe.

Host: *Fraxinus*, *Hibiscus syrianus*, *Ligustrum glabrum*, *Rhus succedanea*.

135. Genus *Eriopletis* Signoret, 1872

Eriopeltis Signoret, 1872, Soc. Ent. de France Ann. (ser. 5) 1: 429. Type species: *Coccus festucae* Fonscolombe, 1834.

444. *Eriopeltis festucae* (Fonscolombe, 1834)

Ann. Soc. Ent. Fr.3: 216, *Coccus*.

Syn.: *Eriopeltis agropyri* Borchsenius, 1956; *E. araxis* Borchsenius, 1956; *E. brychypodii* Giard, 1893; *E. caucasicus* Borchsenius, 1956; *E. desertus* Borchsenius, 1956; *E. hambardiensis* Borchsenius, 1956; *E. maximus* Borchsenius, 1956; *E. phragmitidis* Borchsenius, 1956; *E. pratewnsis* Borchsenius, 1956; *E. rasinae* Borchsenius, 1956; *E. zolotarevae* Borchsenius, 1956.

Distr.: Shanxi, Ningxia, Inner Mongolia.

Host: Graminae.

445. *Eriopeltis sachalinensis* Borchsenius, 1956

Ent. Obozr 35: 413, fig.

Syn.: *Eriopeltistrelkovi* Borchsenius, 1956; *E. koreanus* Borchsenius, 1956; *E. japonensis* Takahashi, 1957; *E. zolotarevae* Borchsenius, 1967.

Distr.: Inner Mongolia.

Host: *Pennisetum centrasiaticum*.

446. *Eriopeltis stipae* Ishii, 1935

Rept. First Scientic Exped. Manchoukuo 5, 1,9, art.32: 1,4, figs.

Distr.: Jahol, Inner Mongolia.

Host: *Stipa* sp.

136. Genus *Eucalymnatus* Lindinger, 1943

Eucalymnatus Cockerell, 1901, in Cockerell and Parrott, Canad. Ent. 33: 57. Emendated by

Lindinger, 1943, Arb. uber Morph n Taxonom. Ent. 10: 147. Type specis: *Lecanium tessellatum* Signoret, 1873.

447. *Eucalymnatus tessellatus* (Signoret, 1873)

Ann. Soc. Ent. France 5 (3): 401, *Lecanium tessellatum*.

Syn.: *Lecanium perforatum* Newstead, 1894; *L. subtessellatum* Green, 1904; *L. obosoletum* Green, 1922.

Distr.:Fujian,Taiwan, Guangdong, Hainan, Guangxi, Jiangsu, Yunnan. Former USSR, Japan, Cosmopolitan.

Host: *Caryota ochlandra, Cinnamomum camphora, Laurus nobilis Litsea pungens, Podocarpus macrophyllus, Psidium guajava, Punica grantum, Sorbus, Trachycarpus fortunei*.

137. Genus *Eulecanium* Cockerell, 1893

Eulecanium Cockerell, 1893, Amer. Ent. Soc. Trans. 20: 54. Type species: *Coccus tiliae* Linnaeus, 1758. Syn.: *Globulicoccus* Lindinger, 1907.

448. *Eulecanium albodermis* Chen, 1962

Acta Entomologica Sinica 11: 284, fig.

Distr.: Sichuan.

Host: *Citrus, Prunus salicina*.

449. *Eulecanium alnicola* Chen, 1962

Acta Ent. Sinica 11: 283, 285, fig.

Distr.: Sichuan.

Host: *Prunus salicina, Populus, Pyrus, Salix*.

450. *Eulecanium cerasorum* (Cockerell, 1900)

Psyche 9: 70, *Lecanium*.

Distr.: Shanxi.

Host: *Malus pumila*.

451. *Eulecanium ciliatum* (Douglas, 1891)

Ent. Mon. Mag. 27: 67, *Lecanium*.

Distr.: Inner Mongolia.

Host: *Populus*.

452.*Eulecanium circumfluum* Borchsenius, 1955

Trud. Zool.Inst. Akad. Nauk SSSR 18: 292, fig.

Distr.: Inner Mongolia.

Host: *Salix babylonica*.

453. *Eulecanium douglasi* (Sulc, 1895)

Ent. Mon. Mag. 31: 27, *Lecanium*.

Syn.: *Eulecanium. longisetum* Borchsenius, 1955 ; *E. coangustu* Danzig, 1967; *E. trjapitzini* Danzig, 1967; *E. coum* Danzig 1967.

Distr.: Xinjan.

Host: *Populus*.

454. *Eulecanium gigantea* (Shinji, 1935)

Oyo Dobuts Zasshi 7: 289, fig., *Lecanium*.

Syn.: *Eulecanium diminutum* Borchsenius, 1955; *Lecanium glandi* Takahashi, 1955.

Distr.: Inner Mongolia, Shanxi, Ningxia.

Host: *Acer* , *Corylus, Juglans, Maaekia, Quercus, Salix, Sophora, Ulmus, Ziziphus*.

455. *Eulecanium kostylevi* Borchsenius, 1955

Trud. Zool. Inst. Nauk, SSSR 18: 295, fig.
Distr.: Inner Mongolia.
Host: *Ulmus pumila.*

456. *Eulecanium kunmingi* (Ferris, 1950)
Microentomology 15 :73, *Lecanium.*
Distr.: Yunnan.
Host: *Prunus persica, Pyracantha crenata, Rhamnus* sp.

457. *Eulecanium kunoense* (Kuwana, 1907)
Bull. Imp. Agric. Expt. Sta. 1: 177-207, *Lecanium.*
Syn.: *Eupulvinaria durantae* (Takahashi, 1931).
Distr.: Jiangsu, Zhejiang, Fujian.
Host: *Prunus mume, P. triloba, Pyrus sinensis.*

458. *Eulecanium kuwanai* (Kanda, 1934)
Annot. Zool. Japan 14: 405, figs., *Lecanium.*
Distr.: Inner Mongolia.
Host: *Ulmus laciniana.*

459. *Eulecanium nigrivitta* Borchsenius, 1959
Ent. Obozr 38: 174, figs.
Distr.: Yunnan.
Host: *Castanopsis.*

460. *Eulecanium ulmicola* Zhang, 1993
Acta Entomologica Sinica 36 (4): 482-485.
Distr. Shanxi
Host: *Ulmus.*

138. Genus *Eupulvinaria* Borchsenius, 1953

Eupulvinaria Borchsenius, 1953, Ent. Obozr> 33: 288. Type species: *Eupulvinaria peregrina* Borchsenius, 1953.

461. *Eupulvinaria durantae* (Takahashi, 1931)
Trans. N. H. Soc. Formosa 21: 1, *Pulvinaria.*
Distr.: Taiwan.
Host: *Duranta repens.*

462. *Eupulvinaria neocellulosa* (Takahashi,1940)
Mushi 13: 24, Pulvinaria.
Distr.: Taiwan.
Host: *Evodia confusa, Murraya exotica.*

139. Genus *Kilifia* De Lotto, 1965

Kilifia De Lott, 1965, Bul. Brit. MUs. (Nat. His.) Entomology 16: 206. Type species: *Lecanium acuminatum* Signoret, 1873. Syn.: *Habibius* Ezzat et Huss, 1967; *Platycoccus* Takahashi, 1959.

463. *Kilifia acuminata* (Signoret, 1873)
Ann. Soc. Ent. Fr. 5, 3: 397, *Lecanium*
Distr.:Taiwan. Japan, Sri Lanka, Malaya, Subtropic.

464. *Kilifia guizhouensis* Qin & Gullan, 1991
Entomotaxonomia 13: 21.
Distr.: Guizhou.

Host: *Myrsine semiserrata.*

465. *Kilifia sinensis* Ben-Dov, 1979

Syst. Ent. 4:.321.
Distr.: Yunnan.
Host: *Eurya nitida.*

140. Genus *Lecanopsis* Targioni - Tizzetti, 1868

Lecanopsis Targioni - Tozzetti, 1868, (separate) Soc. Ital. Di Sci. Nat. Atti 11: 36; 1869, 11: 729. Type species: *Lecanopsis rhyr[phila* Targioni - Tozzetti, 1868. Syn.: *Fonsolombia* Lichtenstein, 1877; *Paralecanopsis* Bodenheimer, 1951; *Rhizobium* Targioni, 1867; *Spermococcus* Giard, 1893.

466. *Lecanopsis sacchari* Takahashi, 1928

Philip. J. Sci. 36: 345.
Distr.: Taiwan.
Host: *Miscanthus* sp., *Saccharum officinarum.*

141. Genus *Luzulaspis* Cockerell, 1902

Luzulaspis Cockerell, 1902, Ann. and Mag. Nat. Hist. (ser. 7) 9: 25, Type species: *Aspidiotus luzulae* Dufour, 1864. Syn.: *Signoretia* Targioni, 1868.

467. *Luzulaspis crassispina* Borchsenius, 1959

Ent. Obozr 38: 171, 174, fig.
Distr.: Yunnan.
Host: *Carex, Glochidion puberum.*

142. Genus *Maacoccus* Tao, Wong & Chang, 1983

Maacoccus Tao, Wong & Chang, 1983 Journal of Taiwan Museum 36: 71.Type Species: *Lecanium bicrutatus* Green, 1904. Syn : *Sharanococeus* Avashi, 1993.

468. *Maacoccus bicruciatus* (Green, 1904)

Coccidae Ceylon: 214, pl. 76, *Lecanium bicruciatum.*
Distr.: Zhejiang, Taiwan.
Host: *Citrus, Mangifera indica, Muruya exotica.*

469. *Maacoccus scolopiae* (Takahashi, 1933)

Dept. Agric. Res. Inst. Formosa, Rept. 60: 35, figs, *Coccus.*
Distr.: Taiwan.
Host: *Scolopia oldhami.*

143. Genus *Mallococcus* Maskell, 1898

Mallococcus Maskell, 1898, New Zeal. Inst. Trans. and Proc. (1897) 30: 242. Type species: *Mallophora sinensis* Maskell, 1897. Syn.: *Mallophora* Maskell, 1897.

470. *Mallococcus sinensis* (Maskell, 1897)

N. Z. Trans. 29: 314, *Mallophora.*
Distr.: Hongkong, Fujian.
Host: *Callicarpa tomentosa.*

471. *Mallococcus vitecicola* Young, 1985

Contrib. Shanghai Innstitute of Entomology 5: 267.

Distr.: Jiangxi, Fukian, Honan.
Host: *Scutellaria baicalensis*, *Rhus* sp., *Vitex rotundifolia*.

144. Genus *Megapulvinaria* Yang, 1982

Megapulvinaria Yang, 1982, Shanghai Science & Technology, Shanghai:162, Type species: P*ulvinaria maxima* Green, 1904.

472. *Megapulvinaria maxima* (Green, 1904)
Ent. Mon. Mag. 40: 202, *Pulvinaria*.
Syn.: *Erichiton formosae* Takahashi, 1929; *Pulvinaria thespesiae* Green, 1909.
Distr.: Taiwan, Guangxi.
Host: *Cajanus cajan*, *Boehmeria*.

145. Genus *Metaceronema* Takahashi, 1955

Metaceronema Takahashi, 1955, Insecta Matsumurana 19: 27. Type species: *Ceronema japonica* Maskell, 1896.

473. *Metaceronema japonica* (Maskell, 1987)
Ent. Mon. Mag. 33:243, *Ceronema*.
Syn.: *Eriochiton theae* Green, 1900; *Euphilippia aquifoliae*Chen, 1973; *E. monticola*, Wang, 1976.
Distr.: Zhejiang, Guangxi, Taiwan, Jiaaangxi, Qichow, Hunan.
Host: *Camellia japonica*, *Thea sinensis*.

146. Genus *Milviscutulus* Williams & Watson, 1990

Milviscutulas Williams & Watson, 1990, The scale insects of the Tropical Souh Pacific Region, Part 3. The soft scales (Coccidae) and other families. C.A.B. International. Wallingford: Type species: *Lecanium mangiferae* Green, 1889.

474. *Milviscutulus mangiferae* (Green, 1889)
Ent. Mon. Mag. 25: 249, *Lecanium*.
Syn.: *Coccus kurarnensis* Takahashi, 1939; *Lecanium desolatum* Green, 1922; *L. ixorae* Green, 1922; *L. psidii* Green, 1904; *L. wardi* Newstead, 1917.
Distr.: Taiwan.
Host: *Citrus*, *Eugenia jambos*, *Mangifera indica*.

147. Genus *Mitrococcus* Borchsenius, 1959

Mitrococcus Borchsenius, 1959, Ent. Obozr. 38: TYpe species: *Mitrococcus celsus* Borchsenius, 1959.

475. *Mitrococcus celsus* Borchsenius, 1959
Ent. Obozr 38: 171, 174, figs.
Distr.: Sichuan.

148. Genus *Neoplatylecanium* Takahashi, 1929

Neoplatylecanium Takahashi, 1929. Formosa Govt. Res. Inst. Dept. Agr. Rept. 40: 53-54. Type species: *Neoplatylecanium cinnamomi* Takahashi, 1929. Syn: *Neoplatylecanium* Takahashi, 1929.

476. *Neoplatylecanium cinnamomi* Takahashi, 1929
Dept. Agric. Res. Inst. Formosa Rept. 40: 53.
Distr.: Taiwan.
Host: *Cinnamomum zeylanicum.*

149. Genus *Neosaissetia* Tao, Wong and Chang, 1983

Neosaissetia Tao, Wong & Chang, 1983, Journal of Taiwan Mus. 36: 79. Type species: *Neosaissetia tropicalis* Tao, Wong & Chang, 1983.

477. *Neosaissetia tropicalis* Tao and Wong, 1982
Jour. Taiwan Museum 36 (1) : 79.
Distr.: Taiwan.
Host: *Palaquium formosanum.*

150. Genus *Paracardiococcus* Takahashi, 1936

Paracardiococcus Takahashi, 1936, Formosa Govt. Res. Inst. Dept. Agr. Rept. 66: 6. Type species: *Paracardiococcus actinodaphnis* Takahashi, 1935.

478. *Paracardiococcus actinodaphnis* Takahashi, 1935
Dept. Agric. Res. Inst. Formosa Rept. 66: 6.
Distr.: Taiwan.
Host: *Actiodaphne mushanensis.*

151. Genus *Paracerotostegla* Tang, 1991

Paracerostegia Tang, 1991, The Coccidae of China: 303. Type species: *Ceroplastes floridensis* Comstock, 1881).

479. *Paracerostegia centroroceus* (Chen, 1974)
Acta Entomologica Sinicxa 17: 325, *Ceroplastes.*
Distr.: Sichuan, Yunnan, Hunan, Qizhou.
Host: *Citrus, Thea sinensis, Yucca filamentosa.*

480. *Paracerostegia floridensis* (Comstock, 1881)
U. S. D. A. Rept. 1880: 331, *Ceroplastes.*
Distr.: Taiwan, Guangdong, Fujian, Hunan, Hubei, Jiangasu, Shandong, Hebei. Japan, Sri Lanka, India, Hawaii, America, Australia.
Host: *Andromeda, Annona reticulata, Anthurium, Camellia sinensis, Citrus, Cydonia oblonga, Ficus carica, Laurus nobilis, Mangifera indica, Oleandra, Ilex glabra, Psidium guajava, Punica granatum, Rhodomyrtus tomentosa.*

481. *Paracerostegia japonica* (Green, 1921)
Ent. Mon. Mag. 57: 258, fig., *Ceroplastes floridensis japonicus.*
Distr.: Jiangsu, Zhejiang, Hubei, Shanxi.

152. Genus *Paralecanium* Cockerell, 1899

Paralecanium Cockerell, 1899, in Cockerell and Parrott, Industrialist 25: 227. Type species: *Lecanium frenchii* Maskell, 1891. Syn.: *Podoparalecanium* Tao, Wong and Chang, 1983.

482. *Paralecanium expansum* (Green, 1896)
Ind. Mus. Notes 4: 1, *Lecanium.*

Distr.: Taiwan. Sri Lanka, Philippines, Japan.

483. *Paralecanium geometricum* (Green, 1896)

Ind. Mus. Notes 4: 9, *Lecanium*.

Distr.: China. Sri Lanka.

Host: *Glycosimis pentaphylla*.

484 *Paralecanium hainanensis* Takahashi, 1942 .

Zool. Mag. Tokyo 54: 500, fig.

Syn:*Lecanium armeniacum* Craw,1891; *L. assimile* Newstead,1892.

Distr.: Hainan.

485. *Paralecanium machili* Takahashi, 1933

Rept. Agr. Res. Inst. Formosa 60: 37, fig.

Distr.: Taiwan.

Host: *Machilus* sp., *Phoebe*, *Cinnamomum camphora*.

486. *Paralecanium milleri* Takahashi, 1939

Trans. Nat. Hist. Soc. Formosa 29: 114, figs.

Distr. China. Malaya.

Host: *Annona muricata*.

487. *Paralecanium quadratum* (Green, 1904)

Coccidae of Ceylon 3: 236, *Lecanium expansum quadratum*.

Distr.: Taiwan. Japan, Sri Lanka, Philippines.

153. Genus *Parasaissetia* Takahashi, 1955

Parasaissetia Takahashi, 1955, Insecta Matsumurana 19: 26. Type species: *Saissetia nigra* (Nietner, 1861), *Lecanium*.

488. *Parasasissetia nigra* (Nietner, 1861)

Enemies of Coffee, Tree: 9, *Lecanium*.

Syn.: *Lecanium begoniae* Douglas, 1892; *L. caudatum* Green. 1896; *L. crassum* Green, 1930; *L. despressum simulans* Douglas, 1887; *L. depressum* Targioni-Tozzet, 1867; *L. nigrum depressum* Cockerell, 1896; *L. nitidum* Newstead, 1920; *L. pseudonigrum* Kuwana, 1909; *L. sideroxylum* Kuwana, 1909; *L. signatum* Newstead, 1917; *Saissetia cuneiformis* Leonarid, 1913; *S. persicae* Brain, 1920.

Distr.: Inner Mongolia, Taiwan, Guangdong, S. China. Japan, Tropical.

Host: *Ficus carica*, *F. elastica*, *Glochidon puberum*, *Gossypium*, *Malus* sp., *Morus alba*, *Musa nana*, *Psidium guajava*, *Pyrus*, *Salix*, *Sapium sebiferum*, *Syzygium*,.

154. Genus *Parthenolecanium* Sulc, 1908

Parthenolecanium Sulc, 1908, Ent. monthly Mag. 44: 36; 1932, Acta Soc. Sci. Nat. Morav.7(5) (Signatura F 57): 64. Type species: *Lecanium coryli* Sulc, 1908 nec Linne, 1758.= *Lecanium corni* Bouche, 1844. Syn.: *Pterolecanium* Sulc, 1932.

489. *Parthenolecanium corni* (Bouche, 1844)

Entomologishe Zeitung. Settin 5: 298, *Lecanium*.

Syn.: *Coccus rosarum* Snellen von Valenhoven, 1862; *Coccus tiliae* Fitch, 1851; *Lecanium armeniacum* Craw, 1891; *L. assimile* Newstead, 1892; *L. caryae canadense* Cockerell, 1895; *L. corylifex* Fitch, 1857; *L. cynosbati* Fitch, 1857; *L. fitchii* Signoret, 1874; *L. juglandifex* Fitch, 1857; *L. ribis* Fitch, 1857; Fitch, 1857; *L. robiniarum* Douglas, 1890; *L. rugosum* Signoret, 1874; *L. tarsalis* Signoret, 1874; *L. wistariae* Signoret, 1874; *L. vini* Bouche, 1851.

Distr.: N. China, North East, North West China.
Host: *Acer*, *Fraxinus*, *Sophora*.

490. *Parthenolecanium orientalis* Borchsenius, 1957
Fauna SSSR. Zool. Inst. Akad. Nauk SSSR, N. S. 66: 369.
Syn:*Platysaisstia armata* (Takahashi,1930).
Distr.: Whole China. Korea.

491. *Parthenolecanium persicae* (Fabricius, 1776)
Reaum Mem. Ins.4: 1, pl.1, figs. 1,2, *Lecanium*.
Syn.: *Coccus berberidis* Schrank, 1801; *C. clematidis* Gmelin, 1790; *Coccus costatus* Schrank, 1781; *C. persicorum* Sulzer, 1776; *Eulecanium cecconi* Leonardi, 1908; *Lecanium elongatum* Signoret, 1873; *L. genistae* Signoret, 1874; *L. glandi* Kuwana, 1907; *L. magnoliarum* Cockerell, 1898; *L. mori* Signoret, 1874; *L. m. hortensiae* Cockerell, 1903; *L. sarothamni* Douglas, 1891; *L. persicae goidanichi* Kawecki, 1962; *Parthenolecanium thymi* Danzig, 1967.
Distr.: Shanxi, Hebei, Yunnan, Zhejiang.
Hosts: *Citrus*, *Morus alba*, *Prunus mume*, *P. persica*, *Vitis vinifera*.

155. Genus *Physokermes* Targioni - Tozzetti, 1868

Physokermes Targioni - Tozzetti 1868, (separate) Soc. Ital. di Sci. Nat. Atti 11: 41: 1869, 11: 734; Signoret, 1874, Soc. Ent. de France Ann. (ser.5) 4: 87. Type species: *Coccus hemiceryphus* Dalman, 1825. Syn.: *Physochermes* Targioni, 1869.

492. *Physokermes inopinatus* Danzig & Kozar, 1973
Entom. Oboz. 52: 832.
Distr.: Hunlongjiang, Jilin. Hungaray.
Host: *Picea abies*.

493. *Physokermes jezoensis* Siraiwa, 1939
Kontyu 13: 64, figs.
Distr.: China.
Host: *Picea china*.

494. *Physokermes shanxiensis* Tang, 1990
Coccidae of China: 202.
Distr.: Shanxi.
Host: *Picea asperata*.

156. Genus *Platysaissetia* Cockerell, 1901

Platysaissetia Cockerell, 1901, Ent. Student 2: 32. Type species: *Lecanium (Saissetia) castilloae* Cockerell, 1898. Syn.: *Taiwansasaetia* Tao, Woung and Chang, 1983.

495. *Platysaitessia armata* (Takahashi, 1930)
Dept. Agr. Govt.Res. Inst. Formosa rept. 48: 33, *Saissetia*.
Distr.: Taiwan.
Host: *Eugenia jambos*, *Glochidon arnottianum*.

157. Genus *Protopulvinaria* Cockerel, 1894

Protopulvinaria Cockerell, 1894, Trinidad Field Nat. Club Jour. 1: 309-310. Type species: *Pulvinaria (Protopulvinaria) pyriformis* Cockerell, 1894. Syn.: *Lefroyia* Green, 1908; *Lefroya* Lindinger, 1937.

496. *Protopulvinaria fukuyai* (Kuwana, 1909)
New York Ent Soc Jour ,17:154 *Lecanium*
Distr. Zhejiang.
Host: *Cinnamomum chekiangensis*

497. *Protopulvinaria pyriformis* (Cockerell, 1894)
J. Trinidad Nat. Club 1: 309, *Pulvinaria.*
Syn.: *Pulvinaria agalmae* Takahashi, 1955; *P. newsteadi* Leonardi, 1889; *P. plana* Lindinger, 1911;
Distr.:Taiwan, Hongkong. Japan, Tropical.

158. Genus *Pseudopulvinaria* Atkinson, 1889

Pseudopulvinaria Atkinson, 1889, Asiatic Soc. Bongal Jour. 58: (pt. 2, no. 10: 4. Type species: *Pseudopulvinaria sikkimensis* Atkinson, 1889.

498. *Pseudopulvinaria sikkimensis* Atkinson, 1889
Asiatic Soc. Bengal Natural Sciences 58: 4
Syn.: *Crescoccus candidus* Wang, 1982, *Lefroyia castneae* Green, 1980.
Distr.: Yunnan.
Host: *Quercus pariabilis, Q. schotkyana.*

Pulvinaria Targioni - Tozzetti, 1866, R. Accad. dei Georg. Atti (n s.) 13: 146; 1867, Soc. Ital di Sci. Nat. Mem. 3 (3): 13. Type species: *Coccus vitis* Linnaeus, 1758.

499. *Pulvinaria citricola* Kuwana, 1914
Panama Jour. Ent. & Zool. 6:3.
Distr.: Xizang, Sichuan, Yunnan. Japan, America.
Host: *Camellia, Diospyros kaki, Thea.*

500. *Pulvinaria kuwacola* Kuwana, 1907
Tokyo Bull. Imp. Agric. Expt. Sta. 1: 177-270.
Disar.: Shaanxi, Shanxi, Hebei. Japan.
Host: *Morus alba.*

501. *Pulvinaria populeti* Borchsenius, 1953
Ent. Obozr 33: 298, fig.
Distr.: Inner Mongolia.
Host: *Salix.*

502. *Pulvinaria salicicola* Borchsenius, 1953
Ent. Obozr 33: 289, fig.
Distr.: Inner Mongolia.
Host: *Salix matsudana.*

503. *Pulvinaria vitis* (Linnaeus 1758)
Syst. Nat. Ed. 10: 456, *Coccus.*
Syn.: *Coccus betuae* Linnaeus, 1758; *C. carpini* Linnaeus, 1758; *C. oxyacanthae* Linnaeus, 1758; *C. salicis* Fitch, 1851; *Lecanium macluae* Fitch, 1855; *Pulvinaria betulae alni* Douglas, 1891; *P. hunteri King, 1900*; *P. innumerabulis* King & Cockerell, 1898; *P. populi* Signoret, 1873; *P. ribesiae* Signoret, 1873.
Distr.: Inner Mongolia, Xizang.
Host: *Almus, Betula, Cotoneaster* sp., *Populus, Rosa, Salix.*

160. Genus *Rhodococcus* Borchsenius, 1953

Rhodococcus Borchsenius, 1953, Ent. Obozr. 33: 283. Type species: *Rhodococcus rosaeluteae* Borchsenius, 1953.

504. *Rhodococcus sariuoni* Borchsenius, 1955
Trud. Zol. Inst. Akad. Nauk SSSR 18: 302, fig.
Distr.: Liaoning, Honan, Inner Mongolia, Xinjiang. Korea.
Host: *Malus pumila*, *Spiraea* sp., *Prunus persica*, *P. pseudocerasus*.

505. *Rhodococcus spiraeae* (Borchsenius, 1949)
Ent. Obozr 30: 340, fig., *Eulecanium*.
Distr.:Inner Mongolia.
Host: *Spiraea* sp.

506. *Rhodococcus turanicus* (Archangelskaya, 1937)
Izdatelstvo Komiteta Nauk UZSSR; 47, *Lecanium coryli turanicum*.
Distr.: Xinjiang.
Host: *Malus*, *Prunus*, *Pyrus*.

161. Genus *Saccharipulvinaria* Tao, Wong & Chang, 1983

Saccharipulvinaria Tao, Wong & Chang, 1983, Journal of Taiwan Museum 36:85, Type species: *Lecanium iceryi* Signoret, 1868.

507. *Saccharipulvinaria bambausicola* Tang, 1992
Coccidae of China: 269.
Distr.: Zhejiang.
Host: *Bambusa*.

508. *Saccharipulvinaria iceryi* (Signoret, 1868)
Ann. Soc. Ent. Fr. 8: 857, *Lecanium*.
Syn.: *Coccus takanoi* Takahashi, 1932;*Pulvinaria elongata* var. *durbanensis* Munro and Fouche, 1920, *P. gasteralphe* Signoret, 1869; *P. lepida* Brain, 1920.
Distr.: Taiwan. Africa.
Host: *Saccharium officinarium*.

162. Genus *Sacchariolecanium* Williams, 1980

Saccharolecanium Williams, 1980, Bull. Ent.Res. 70: 435.Type species: *Lecanium krugeri* Zehntner, 1897.

509. *Saccharolecaniuim fujianensis* Tang, 1991
Coccidae of China: 139.
Distr. Fujian.
Host: *Sasa*.

163. Genus *Saissetia* Deplanche, 1859

Saissetia Deplanche, 1859, Soc. Linn. de Normandie, Bul. 4: 203-207. Type species: (*Saissetia coffeae* Deplanche, 1859) = *Lecanium coffeae* Walker, 1852.

510. *Saissetia bobus* Takahashi, 1935
Syn.: *Bernardia A*changelskaia,1891.
Dept. Agric. Res. Inst. Formosa Rept. 66: 8.
Distr.:Taiwan.
Host: *Symplocos lancifolia*.

511. *Saissetria citricola* (Kuwana, 1909)

J. Ent. Soc. of New York 17: 153, *Takahashia.*

Syn.: *Pulvinaria marginata* Ferris, 1950.

Distr.: Yunnan. Japan.

Host: *Citrus.*

512. *Saissetia coffeae* (Walker, 1852)

Brit. Mus. (Nat. Mus.) Londonpt. 4: 1079, *Lecanium.*

Syn.: *Chermes angraeci* Boisduval, 1867; *C. anthuri* Boisduval, 1867; *C. cycadis* Boisduval, 1867;*C. filicum* Boisduval, 1867; *C. hibernaculorum*Boisduval, 1867; *Lecanium beaumontiae* Douglaas 1887; *L. clypeatum* Douglas, 1888; *L. hemisphaerica* Targioni-Tozzet, 1867.

Distr.: Inner Mngolia, Taiwan. Japan, Tropical.

Host: *Aucuba japonica, Cycas revoluta.*

513. *Saissetia oleae* (Olivier, 1791)

Cochenille. Coccus.: 95.

Syn.: *Coccus palmae* Howorth, 1812; *C. tesudo* Curtis, 1843; *Lecanium cassiniae* Maskell, 1890.

Distr.: Inner Mongolia, Fujian, Taiwan, Guangdong. Sri Lanka, Philippines, Japan, Hawaii, America, Europe.

Host: *Camellia, Dimocarpus longan, Eucalyptus, Gossypium, Litchi chinensis, Malus pumila, Nerium indicum,* Oleandra, *Psidium guajava, Rosa, Tectona grandis, Vitis vinifera.*

164. Genus *Sphaerolecanium* Sulc, 1908

Sphaerolecanium Sulc, 1908, Ent. Monthly Mag. 44: 36. Type species: *Coccus prunastri* Fonscolombe, 1834.

514. *Sphaerolecanium prunastri* (Fonscolombe, 1834)

Ent. Soc. Fr. 3: 211, *Coccus.*

Syn.: *Lecanium blanchardi* Targioni-Tozzet, 1868; *L. rotondum* Signoret, 1873; *E. piligerum* Leonard, 1918. *Sphaerolecanium prunastri* (Fonscolombe, 1834).

Distr.: Shaanxi, Gansu, Henan, Hebei.

Host: *Prunus persica, P. mume.*

165. Genus *Stozia* Marchal, 1906

Stozia Marchal, 1906, Soc. Ent. de France Bul. 9: 143. Type species:: *Stozia straita* Marchal 1906.

515. *Stotzia fuscata* Wang

Distr.: Xizang.

Host: *Fagus longipetolata*

166. Genus *Takahashia* Cockerell, 1896.

Takahashia Cockerell, 1896, Psyche (sup.) 7: 20. Type species: *Pulvinaria (Takahashi) japonica* Cockerell, 1896. Syn.: *Pendularia* Fonseca, 1927.

516. *Takahashia japonica* (Cockerell, 1896)

Psyche 7, suppl. 1: 20, *Pulvinaria.*

Syn.: *Takahashia wuchangensis* Tseng, 1947

Distr.: Henan, Jiangsu, Jiangxi, Hunan, Hubei, Sichuan. Japan, Korea.
Host: *Acacia*, *Bischofia javanica*, *Citrus*, *Castanopsis*, *Morus alba*, *Pathenocissus tricuspida ta*, *Sophora japonica*.

167. Genus *Vinsonia* Signoret, 1872

Vinsonia Signoret, 1872, Soc. Ent. de France Ann. (ser. 5) 1: 423; 1872 (ser. 5) 2: 33. Type species: (*Vinsonia pulchella* Signoret, 1782) = *Coccus stellifer* Westwood, 1871.

517. *Vinsonia stellifera* (Westwood, 1871)
Proc. Ent. Soc. London3: 3, *Coccus*. .
Syn.: *Vinsonia pulohella* Signoret, 1872.
Distr.: Taiwan. Philippines, India, Caarbbean, Sri Lanka, C. & S America.
Host: *Diospyros discolor*, *Garcinia spicata*, *Mangifera indica*.

Family Conchaspidae

168. Genus *Chonchaspis* Cockerell, 1893

Chinchaspis Cockerell, 1893, Jamaaica Bot. Dept. Bul. (March 1893) 40; 9, 1893, Gard. Chron. (May, 1893) 13: 548. Type species: *Choncnaspis angraeci* Cockerell, 1893.

518. *Conchaspis hainanensis* Hu, 1986
Contr. Shanghai Inst. Entomol. 6: 213.
Distr.: Hainan.
Host: Shrub twig.

Family Beesoniidae

169. Genus *Beesonia* Green, 1939

Genus Beesonia, 1926, Bull.Ent.Res. 17: 55. Type species: *Beesnonia dipterocarpi* Green, 1926.

519. *Beesonia napiformis* (Kuwana, 1914)
Jour. Ent. and Zool. 6: 1-11, *Xylococcus*, *Trichococcus*
Syn.: *Beesonia quercicola* Ferris, 1950; *B. albohicta* Hu & Li, 1986.
Distr.: Guangdong, Jiangsu, Yunnan.
Host: *Quercus*.

Family Diaspididae

170. Genus *Abgrallaspis* Balachowsky, 1948

Abgrallaspis Balachowsky, 1948, Actualites Sci. etIndus., Ent. Appl. 1054: 306. Type species: *Aspdiotus cyanophylli* Signoret, 1869. Syn.: *Borchseniaspis* Zahradnik, 1959.

520. *Abgrallaspis cyanophylli* (Signoret, 1869)
Ann. Soc. Ent. Fr. 9:119, *Aspidiotus*
Distr.: Fujian, Taiwan, Zhejiang. Japan, Tropical.
Host: *Camellia sinensis*, *C. oleifera*, *Cocos nucifera*. *Cyanophyllum*, *Ficus*, *Gardenia jasmimoides*, *Ipomoea*, *Mangifera indica*, *Pritchardia filifera*,

521. *Abgrallaspis degeneratus* (Leonardi, 1896)
Riv. t. veg. IV (1895): 345, *Chrysomphalus*
Distr.: Zhejiang, Jiangsu. Korea, Japan, Italia, Greece, America.
Host: *Aralia, Citrus, Camellia Eurya, japonica, Ilex,*

522. *Abgrallaspis palmae* (Cockerell, 1892)
Inst. Jamaica Nat. Mus.: 5, *Aspidiotus rapax* var. *palmae.*
Syn.: *Aspidiotus unguiculatus* Leonardi, 1914; *A. javanensis* Kuwana and Muramatsu, 1931.
Distr.: Sandong, Yunnan. Japan, Tropical.
Host: *Cocos nucifera, Cycas revoluta, Musa nana.*

171. Genus *Acanthomytilus* Borchsenius, 1947

Acanthomytilus Borchsenius, 1947, Akad. Nauk SSSR DOk. (n. s.) 58: 344. Type: *Lepidosaphes intermittens* Hall, 1924.

523. *Acanthomytilus chui* Takagi, 1970
Insecta. Matsumurana 33: 25.
Distr.: Taiwan, Yunnan.
Host: *Miscanthus* sp.

524. *Acanthomytilus cypericola* Borchsenius, 1959
Zool. Zhurn 38:1822, 1824, fig.
Distr.: Yunnan.
Host: *Cyperus.*

525. *Acanthomytilus graminicola* (Takahashi, 1934)
Rep. Dept. Agric. Res. Inst. Formosa 63: 9, *Chionaspis.*
Distr.: Taiwan.
Host: Gramnineae.

526. *Acanthomytilus graminis* Young and Hu, 1980
Contr. Shanghai Inst. Entomol. 1: 191.
Distr. Hunan.
Host: *Gramineae.*

527 *Acanthomytilus imperatae* (Kuwana, 1931)
Dobutsu. Zasshi 43: 70, *Lepidosaphis.*
Distr..: Taiwan.
Host: *Imperata arundenacea.*

528. *Acanthomytilus sacchari* (Hall, 1923)
Bull. Min. Agr. Egypt Techn. Sci. Serv. 36: 23, *Lepidosaphes*
Distr.: Taiwan.
Host: *Andaelphia arrecta.*

529. *Acanthomytilus yunnanensis* Young and Hu, 1980
Contr. Shanghai Inst. Entomol. 1: 193.
Distr.: Yunnan.
Host: Gramineae.

172. Genus *Achionaspis* Takagi, 1970

Achionaspis Takagi, 1970, Insecta Matsumurana 33: 67. Type specis: *Achionaspis kanoi* Takagi, 1970.

530. *Achionaspis hainanensis* Hu, 1986

Contr. Shanghai Inst. Entomol. 6: 215.
Distr.: Hainan.
Host: *Shrub twig*.

531. *Achionaspis kanoi* Takagi, 1970
Insecta Matsumurana 33: 67.
Dist.: Taiwan.
Host: *Eurya japonica*.

173. Genus *Adiscodiaspis* Marchal, 1909

Adiscodiaspis Marchal, 1909, Acad. des Sci. (Paris) Compt. Rend. 148: 871. Type species: *Diaspis (Adiscodiaspis) ericicola* Mrachal, 1909.

532. *Adiscodiaspis tamaricicola* Malenotti, 1916
Redia 11: 313, pl. 7, figs. 6-9.
Distr.: Xijiang, Ningxia. Former USSR, Turkey, Israel, Yugslavia.
Host: *Tamarix*.

174. Genus *Afiorinia* Takagi, 1970

Afiorinia Takagi, 1970, Insecta Matsumurana 33: 138. Type species: *Afiorinia hirashimai* Takagi, 1970.

533. *Afiorinia hirashimai* Takagi, 1970
Insecta Matsumura 33: 118.
Distr.: Taiwan.
Host: *Castanopsis kusanoi*.

175. Genus *Andaspis* MacGillivray, 1921

Andaspis MacGillivray, 1921, The Coccidae: 275,. Type species: *Mytilaspis flava* var. *hawaiiensis* Maskell, 1894. Syn.: *Raoaspis* Borchsenius, 1967; *Pararaoaspis* Borchsenius, 1967; *Roonwalaspis* Borchsenius, 1967.

534. *Andaspis citricola* Young and Hu, 1981
Contr. Shanghai Inst. Entomol. 2: 216.
Distr.: Yunnan.
Host: *Citrus grandis*.

535. *Andaspis crawii* (Cockerell, 1896)
Psyche 7, suppl.1: 21, *Mytilaspis*.
Syn.: *Lepidosaphes canaliculata* MacGillivray, 1921;
Distr.: Taiwan. Japan, Indonesia.
Host: *Castanopsis kusanoi*, *Pasania uraiana*.

536. *Andaspis ficicola* Young and Hu, 1981
Contr. Shanghai Inst. Entomol. 2: 217.
Distr.: Yunnan.
Host: *Ficus*.

537. *Andaspis hawaiiensis* (Maskell, 1891)
Trans. N. Zealand Inst. 26: 47, *Mytilaspis flava* var. hawaiiensis.
Syn.: *Lepidosaphes moorsi* Doane & Ferris, 1916.
Distr.: Fujian, Taiwan, Shandong, Guangdong, Hongkong, Hainan. Japan.
Host: *Pyrus serotina*.

538. ***Andaspis indica*** **(Borchsenius, 1967)**
Ent. Obozr. 46: 730, fig., *Roaspis*.
Distr.: Yunnan. India, Assam.
Host: *Quercus*.

539. ***Andaspis keteleeriae*** **(Ferris, 1953)**
Microentomology 18: 64, *Phenacaspis*.
Distr.: Yunnan.
Host: *Keteleeria fortunei*.

540. ***Andaspis micropori*** **Borchsenius, 1958.**
Acta Entomologica Sinica 8: 173.
Distr.: Guangdong. Japan.
Host: *Litchi chinensis*.

541. ***Andaspis mori*** **Ferris, 1952**
Microentomology 17: 21-22.
Distr.: Taiwan, Yunnan, Fujian.
Host: *Broussonetia papyrifera*, *Morus australis*, *Quercus*, *Sapindus* sp., *Sapindus mukorossi*,

542. ***Andaspis naracola*** **Takagi, 1960**
Insecta Matsumura 23: 67-100.
Distr.: Guangdong.
Host: *Castanea mollissima*.

543. ***Andaspis quercicola*** **(Borchsenius, 1967)**
Ent.Obozr. 46: 374, fig., Roonwalaspis.
Distr. Kunming.
Host: Quercus.

544. ***Andaspis roi*** **(Borchsenius, 1967)**
Ent. Obozr: 47: 843, *Roaspis*.
Distr.: Kunming.
Host: *Quercus*.

545. ***Andaspis rutae*** **Tang, 1986**
Horticulture and Forest Scale Insects III: 77.
Distr.: Guangxi.
Host: *Ruta*.

546. ***Andaspis schimae*** **Tang, 1986**
Horticulture and Forest Scale Insects III: 86.
Distr.: Guangdong, Zhejiang.
Host: *Schima confertiflora*, *S. superba*

547. ***Andaspis viticis*** **Takagi, 1970**
Insecta Matsumurana 33: 22.
Distr.: Taiwan.
Host: *Vitex negundo*.

548. ***Andaspis xishuanbaunae*** **Young and Hu, 1981**
Contr. Shanghai Inst. Entomol. 2: 217.
Distr.: Yunnan.
Host: *Musa sapientum*.

549. ***Andaspis yunnanensis*** **Ferris, 1953**
Microentomology 18: 59.
Distr.: Kunming.
Host: *Prunus salicina*.

176. Genus *Aonidiella* Berlese and Leonardi, 1895

Aonidiella Berlese and Leonardi, 1895, in Berles, Riv. diPatol. Veg. (1896) 4: 77, 83. Type species: *Aspidiotus aurantii* Maskell, 1879. Syn.: *Heteraspis* Leonardi, 1914.

550. *Aonidiella aurantii* (Maskell, 1879)

Trans. N. Zealand Inst. 11: 199, *Aspidiotus*.

Syn.: *Aonidia gennadii* Targini-Tozzetti, 1884.; *Aspidiotus citri* Comstock, 1881; *A. coccineus* Gennadius, 1881; *Aspidiotus pedronis* Green, 1905.

Distr.: Inner Mongolia, Shandong, Jiangsu, Taiwan, Fujian, Guangdong, Hongkong, Jiangxi, Yunnan. Japan, Tropical.

Host: *Ardisia japonica*, *Buxus*, *Citrus*, *Euonymus japonica*, *Ficus*, *Heptapleurum octophyllum*, *Malus pumila*, *Pistacia*, *Rosa*, *Vitis vinifera*.

551. *Aonidiella citrina* (Coquillett, 1891)

U. S. D. A. Bul. 23: 29, *Aspidiotus*.

Distr.: Hubei, Zhejiang, Guangdong, Guangxi, Hunan, Inner Mongolia, Sichuan, Yunnan, Xizang. India, Japan, Former USSR, Guinea, Congo, Uganda, Madacascar, Argentina, Australia, America, Mexico, Fiji, Nicaragua, Jamaica, S. Africa.

Host: *Citrus*, *Cocos nucifera*, *Eucalyptus*, *Fagus longipetiolata Laurus nobilis*, *Malus pumila*, *Rosa*, *Vitis vitifera*,

552. *Aonidiella comperei* McKenzie, 1937

Univ. Calif. Publ. 6: 237.

Distr.: Taiwan. India, Inner Mongolia.

Host: *Musa sapientum*.

553. *Aonidiella inornata* McKenzie 1938

Microentomology 3: 10.

Distr.: Inner Mongolia, Liaoning, Hebei, Taiwan, Hongkong, Yunnan,Hainan. Philippines, Australia.

Host: *Carica papaya*, *Cycas revotuta*.

554. *Aonidiella messengeri* McKenzie, 1953

Bull. Calif. Dept. Agric. 42: 35, fig.

Distr.: Taiwan. Japan.

Host: *Bladhia sieboldii*.

555. *Aonidiella orientalis* (Newstead, 1894)

Ind. Mus. Notes 3, 5: 26, *Aspidiotus*.

Syn.: *A. (Aonidiella) cocotiphagus* Marlatt, 1908; *Aspidiotus osbeckiae* Green, 1896; *A. pedronis* Green, 1905; *A. taprobanus* Green, 1905; *Chrysomphalus pendroniformis* Cockerell & Robinson, 1915.

Distr.: Hebei, Guangdong, Hainan, Hongkong, Guangxi, Yunnan, Sichuan. Caribbean Islands, Sri Lanka, Mexico, Africa, Australia.

Host: *Carica papaya*, *Citrus*, *Musa nana*, *Jasminum*,.

556. *Aonidiella pini* Young, 1988

Contr. Shanghai Inst. Entomol. 8: 189.

Distr.: Sichuan.

Host: *Pinus elliottii*, *P. taeda*.

557. *Aonidiella simplex* Grandpre and Charmoy, 1899

Proc. Soc. Amic. Sci.: 20, *Aspidiotus*.

Syn.: *Aspidiotus andersoni* McKenzie, 1938.

Distr.: Hainan. Kenia, Tanzania.

Host: *Agave*, *Bambusa*, *Nerium indicum*, *Musa nana*, *M. paradisiaca sapientum*,

558. *Aonidiella sotetsu* (Takahashi, 1933)

Rep. Agr. Res. Inst. Formosa 60:57, fig. , *Chrysomphalus.*

Distr.: Hainan, Hongkong. Japan.

Host: *Cassia siamea*, *Cycas revoluta*, *Ficus*,

559. *Aonidiella taxus* Leonard, 1906

Redia 3: 1.

Syn.: *Aspidiotus britannicus* Balachowsky, 1928.

Distr.: Taiwan. Japan, Korea, Brazil, Amnerica, E. Asia, Europe.

Host: *Podocarpus*, *Taxus vaccata.*

560. *Aonidiella tsugae* Takagi,

Insecta Matsumurana 32: 84.

Distr.: Taiwan.

Host: *Tsuga chinensis.*

177. Genus *Aonidia* Targioni -Tozzetti, 1868

Aonidia Tagioni 0 Tozzetti, 1868,(separate) Soc. ital. di Sci. Nat. Atti 11: 42; 1-869, 11: 735.

Type species: *Aonidia purpurea* Targioni - Tozzetti, 1869; substitued to *Aspidiotus lauer* Bouche, 1833.

561. *Aonidia formosana* Takahashi, 1935

Rep. Dept. Agric. Res. Inst. Formosa 66: 35, *Aonidia tentaculata* var. *formosana.*

Distr.: Taiwan.

Host: *Cinnamomum camphora.*

178. Genus *Aonidomytilus* Leonardi, 1903

Aonidomytilus Leonardi, 1903, R. Scuola Super di Agr. Ann. (1904) (ser. 2) 5; 4, 102-103.

Type specis: *Mytilus albus var. concolor* Cockerell, 1893.

562. *Aonidomytilus albus* (Cockerell, 1893)

Journ. Inst. Jamaica 1: 256, *Mytilaspis.*

Syn.: *Lepidosaphes cockerelli* Kirkaldy, 1904; *Mytiaspis cocomytilus dispar* Vayssiere, 1913.

Distr.: Taiwan, Hainan.

Host: *Manihot esculenta.*

179. Genus *Aspidiella* Leonardi, 1898

Aspidiella Leonardi, 1898, Riv. di Patol. Veg. (1897) 6: 50 (210), 60 (220). Type species: *Aspidiotus sacchari* Cpckerell, 1894.

563. *Aspidiella dentata* Borchsenius, 1958

Ent. Obozr 37: 166, 173, fig.

Distr.: Guangdong.

Host: Graminae.

564. *Aspidiella sacchari* (Cockerell. 1893)

Journ. Inst. Jamaica 1: 255, *Asdpidiotus.*

Distr.: Guangdong.

Host: *Saccharum officinarium.*

180. Genus *Aspidiotus* MacGillivray, 1921

Aspidiotus MacGillivray, 1921, The Coccidae: 387. Type species: *Aspidiotus corokiae* Maskell, 1891. Syn.: *Cryptophyllaspis* Cockerell, 1897; *Evaspidiotus* Leonardi, 1898.

565. *Aspidiotus anningensis* Tang and Chu, 1983

Horticulture and Forest Scale Insects II: 18, fig.
(=Acta Zootaxonomia Sinica 8 (3): 302, Tang)
Distr.: Yunnan.
Host: *Pinus*.

566. *Aspidiotus chinensis* Kuwana and Muramatsu, 1931

Journ. Plant Protection 18: 335.
Distr.: Shanghai.
Host: *Caryoperis incana*.

567. *Aspidiotus cryptomeriae* Kuwana, 1902

Pap. Acad. Sci. 3 (3): 69.
Distr.: Zhejiang, Taiwan, Yunnan, Shandong, Fujian. Japan, Korea, Saghalien.
Host: *Cryptomeria japonica*, *Keteleeria evelyniana*, *Juniperus chinensis*, *Taxus cuspidata*.

568. *Aspidiotus destructor* Signoret, 1869

Ann. Ent. Soc. Fr. Ser.4, 9: 120.
Syn.: *Aspidiotus cocotis* Newstead, 1893; *A. excisus* Arhangelsky, 1929; *A. fallax* Cockerell, 1893; *A. lataniae* Green, 1893; *A. oppugnatus* Silvestri, 1915; *A. similimus transparens* Fernald, 1903; *A. transparens* Green, 1890 ; *A. transparens* var. *simillimus* Cockerell, 1899; *A. vastatrex* Leroy, 1911.
Distr.: Taiwan, Shandong, Jiangsu, Zhejiang, Fujian, Guangdong, Guangxi, Hunan, Hubei, Quichou, Sichuan, Jiangxi.
Host: *Camellia sinensis*, *Carica papaya*, *Cajanus cajan*, *Cocos nucifera*, *Indigofera*, *Mangifera india*, *Musa nana*, *Piper nigrum*, *Trachycarpus fortunei*,

569. *Aspidiotus nerii* Bouche, 1833

Naturgesch schadl. nutzl. Garten-Ins.: 52.
Syn.: *Aspidiotus affinis* Targioni, 1868; *A. atherospinmae* Maskell,1879; *A. budlaei* Maskell, 1879; *A. budlei* Signoret, 1869; *A. bouchei* Targioni, 1867; *A. caldesii* Targioni, 1868; *A. capparis* Signoret, 1869; *A. carpodeti* Maskell, 1885; *A. ceratoniae*, Signoret, 1869; *A. confusus* Froggatt, 1914; *A. corynocarpi* Olve, 1881; *A. denticulatus* Targioni, 1868; *A. epidendri* Signoret, 1869; *A. genistae* Westwood, 1840; *A. gnidii* Signoret, 1869; *A. hederae* Signoret, 1869; *A. (Dynaspidiotus) hederae* Thiem et Gerneck, 1934;*A. hederae var. limonii* Cockerell, 1900; *A. hederae var. unipectinata* Carimini, 1930; *A. hederae var. urenae* Hall, 1923; *A. ilicis* Signoret, 1869; *A. (Evaspidiotus) hederae* Leonardi, 1898; *A. hederae var. carpodeti* Cockerell et Parrott, 1899; *A. lentisci* Signoret, 1869; *A. limonii* Signoret, 1869; *A. myricinae* Signort, 1869; *A. nerii var. limonii* Cockerell, 1897; *A. offinis* Comstock, 1883; *A. oleae* Colve, 1880; *A. oleastri* Colve, 1882; *A. osmanthi* Signoret, 1869; *A. sophorae* Maskell, 1884; *A. tasmanie* Green, 1915; *A. transparens subsp. simillis* Cockerell, 1893; *A. transparens var. rectangulatus* Lindinger, 1913; *A. transvalensis* Leonardi, 1914; *A. ulicis* Signoret, 1869; *A. vagobundus* Cockerell, 1899; *A. (Diaspidiotus) villosus* Cockerell, 1897; *A. villosus* Targioni 1868; *A. viresciae* Leonardi, 1920; *A. vriesciae* Signoret, 1869; *Chermes aloes* Boisduval, 1867; *C. cycadicola*, Boisduval, 1867; *C. ericae* Boisduval, 1867; *Octaspidiotus anthospermae*

Balachowsky, 1948.
Distr.: Shaanxi, Shandong, Jiangxi, Jiangsu. W. Indies, America, Bermuda, Canada, Chile, Hawaii, New Zealand, S. Africa, Madagascar, Algeria, Europe, Australia.
Host: *Acacia*, *Agave palmeri*, *Aloe umbellata*, *Arbutua*, *Asparagus*, *Magnolia*, *Camellia sinensis*, *Caryopteris serratus*, *Ceratomia*, *Cercercis*, *Cycas revoluta*, *Daphne gnium*, *Erica*, *Genista*, *Ilex*, *Medicago*, *Melia*, *Myrsine retusa*, *Nerium indicum*, *Plumosus*, *Quercus*, *Ruscus aculeatus*, *Rubia peregrin*, *Vriescia splendens*, *Vitex littoralis*, *Yucca*.

570. *Aspidiotus theae* Tang, 1977
Horticulture and Forest Scale Insets I: 236.
Distr.: Qizhou.
Host: *Thea*.

181. Genus *Aulacaspis* Cockerell, 1893

Aulacaspis Cockerell, 1893, Inst. Jamaica Jour. 1: 180. Type species: *Aspidiotus rosae* Bouche, 1833. Syn.: *Miscanthaspis* Takagi, 1961.

571. *Aulacaspis aceri* Takahashi, 1935
Dept. Agric. Res. Inst. Formosa 66: 12, *Aulacaspis mangiferae* Newstead var. *aceri*.
Distr.: Taiwan.
Host: *Acer kawakamii*.

572. *Aulacaspis actinidiae*Takagi, 1970
Insecta Matsumurana 33: 99.
Distr.: Taiwan.
Host: *Actinidia arisanensis*.

573. *Aulacaspis actinodaphnes* Takagi, 1970
Insecta Matsumurana 33: 89.
Distr.: Taiwan.
Host: *Actinodaphne mushaensis*.

574. *Aulacaspis alishana* Takagi, 1970
Insecta Matsumurana 33: 89.
Distr. Taiwan. Japan.
Host: *Neolitsea acuminatissima*.

575. *Aulacaspis amamiana* Takagi, 1961
Insecta Matsumurana 24: 76, fig.
Distr.: Guangdong, Yunnan. Japan.
Host: *Rubus*.

576. *Aulacaspis citri* Chen, 1954
Acta Entomologica Sinica 4 (2): 165, 168.
Distr.: Sichuan, Inner Mongolia.
Host: *Cinnamomum camphora*, *Citrus sinensis*, *Indigofera tinctoria*, *Melia azedarach*, *Smilax china*.

577. *Aulacaspis crawii* (Cockerell, 1898)
Psyche 8: 190, *Diaspis*.
Syn.: *Aulacaspis fulleri* Zimmerman, 1948.
Distr.: Inner Mongolia, Fujian, Taiwan, Guangdong, Hongkong, Hainan, Sichuan, Yunnan, Xizang. Japan, California.
Host: *Camellia japonica*, *C. sinensis*, *Citrus*, *Elaeagnus umbellata*, *Melia azedarach*,

Rubus.

578. *Aulacaspis difficilis* (Cockerell, 1896)
Psyche 7, Suppl.1: 21, *Chionaspis*.
Distr.: Shanxi, Taiwan, Yunnan. Japan.
Host: *Flaeagnus*.

579. *Aulacaspis divergens* Takahashi, 1935
Dept. Agric. Res. Inst. Formosa Rept. 66: 10, figs., *Aulacaspis kuzunoi* var. *divergens*.
Distr.:Zhejiang, Fujian, Taiwan, Hainan, Yunnan.
Host: *Miscanthus* sp.

580. *Aulacaspis ferrisi* Scott 1952
Microentomology 17: 37, fig.
Distr.: Yunnan.

581. *Aulacaspis fuzhouensis* Tang, 1980
Horticulture and Forest Scale Insects of China III: 216.
Distr. Fuzhou.

582. *Aulacaspis greeni* Takahashi, 1934
Dept. Agric. Res. Inst. Foemosa Rep. 63: 4, figs.
Distr.: Taiwan.
Host: *Cinnamomum reticulatum*.

583. *Aulacaspis guangdongensis* Chen and *al*., 1980
Acta Zootaxonomica Sinica 5, (3): 289.
Distr.: Guangdong.
Host: *Aglaia odorata*.

584 *Aulacaspis ima* Scott, 1952
Microentomology 17: 37, fig.
Distr.: Yunnan.
Host: *Lindera communis*.

585. *Aulacaspis intermedius* Chen, 1980
Acta Zootaxonomica Sinica 5 (3): 290.
Distr.: Guangxi, Yunnan, Xizang.
Host: *Buxus microphylla*.

586. *Aulacaspis litseae* Tang, 1980
Horticulture and Forest Scale Insects of China III: 219.
Distr.: Sichuan.
Host: *Listea*.

587. *Aulacaspis longanae* Chen, 1980
Acta Zootaxonomica Sinica 5 (3): 292.
Distr.: Sichuan.
Host: *Euphorbia longan*.

588. *Aulacaspis maesae* Takagi, 1970
Insecta Matsumurana 33 (1): 95.
Distr.: Taiwan.
Host: *Maesa tonera*.

589. *Aulacaspis maidunensis* (Zhentner, 1898)
Med. Proefstation Sucker. Oost-Java 36: 1, *Chionaspis*.
Syn.: *Aulacaspis wakayamaensis* Kuwana, 1926.
Distr.: Guangdong, Yunnan, Taiwan. Japan.
Host: *Arundo*, *Oplismens* sp., *Saccharum officinarum*.

590. *Aulacaspis megaloba* Scott, 1952

Microentomologuy 17: 38, fig.
Distr.: Hongkong, Yunnan.
Host: *Rubus*.

591. *Aulacaspis murrayae* Takahashi, 1931
Bull. Ent. Res. 22: 212, fig.
Distr.: Taiwan.
Host: *Murraya paniculata*.

592. *Aulacaspis neospinosa* Tang, 1986
Horticulture and Forest Scale Insects of China III: 193.
Distr.: Bejing, Guangdong.
Host: Cymbidium virescens.

593. *Aulacaspis nitida* Scott, 1952
Microentomology 17: 39, fig.
Distr.: Yunnan.
Host: *Polyscias*.

594. *Aulacaspis phoebicola* Takahashi, 1936
Trans. Nat. Hist. Soc. Formosa 26: 81.
Distr. Taiwan.
Host: *Phoebe formosana*.

595. *Aulacaspis projecta* Takagi, 1961
Insecta Matsumurana 24 (2): 83.
Distr.: Jiangxi, Fujian, Sichuan. Japan.
Host: *Cedrella sinensis*.

596. *Aulacaspis robusta* Takahashi, 1931
Bull. Ent. Res. 22: 212.
Distr.: Taiwan.
Host: *Ardisia sieboldii*, *Aegle marmelos*

597. *Aulacaspis rosae* (Bouche, 1834)
Naturgesch Schald. Nutzl. Garten Insekt. : 53, *Aspidiotus*.
Distr.: Inner Mongolia, Shaaxi, Jiangsu, Zhejiang, Jiangxi, Taiwan,Fujian, GUangdong, Hainan, Shanxi, Xizang. Japan, America, Australia.
Host: *Rosa*, *Rubus*.

598. *Aulacaspis saigusai* Takagi, 1970
Insecta Matsumurana 33 (1): 91.
Distr.: Taiwan, Hainan.
Host: *Rubus*, *Smilax* sp.

599. *Aulacaspis sassafris* Chen and *al*. 1980
Acta Zootaxonomica Sinica 5 (3): 294.
Distr.: Anhui, Jiangsu, Jiangxi, Hunan.
Host: *Sassafras tzumu*.

600. *Aulacaspis spinosa* (Maskell, 1897)
Ent. Mon. Mag. 33: 241, *Diaspis rosae* var. *spinosa*.
Syn.: *Aulacaspis pseudospinosa* Chen, 1980.
Distr.: Zhejiang, Taiwan, Guangdong, Sichuan. Japan.
Host: *Smilax* sp.

601. *Aulacaspis tegalensis* (Zehntner, 1898)
Arch Java-suikerindustrie 6 (2): 1085, *Chionaspis*.
Distr.: Taiwan.
Host: *Saccharum officinarum*.

602. *Aulacaspis thoracica* (Robinson, 1917)
Philippine J. Sci. 12: 20, 24, *Phenacaspis.*
Syn: *Aulacaspis. rosarum* Borchsenius, 1958.
Distr: Anhui,Fujian, Zhejiang, Guangdong, Hongkong, Bejing, Sichuan, Ninngxia. Philippine.
Host: *Cinnamomum camphora*, *Sapium sebiferum.*

603. *Aulacaspis tubercularis* (Newstead, 1906)
Bull.Ent. Res. 2: 86, *Diaspis.*
Syn.: *Aulacaspis cinnamomi* Newstead, 1908, *A. mangiferae* Sasscer, 1912.
Distr.: Taiwan, Guangdong, Hainan, Sichuan. Africa.
Host: *Cinnamomum camphora*, *Dimocarpus longan*, *Mangifera indica*, *Phoebe.*

604. *Aulacaspis yabunikkei* Kuwana, 1926
Dept. Finnace Imp. Plant Quar. Ser. Tech. Bull. 4: 32.
Syn.: *Aulacaspis cinnamomi* Ferris, 1921.
Distr.: Taiwan, Jiangxi, Guangdong, Hongkong, Guangxi, Hunan. Japan, Java, Korea, SE Asia.
Host: *Actinodaphne* sp., *Cinnamomum camphora*, *C.* sp., *Neolitsea* sp.

605. *Aulacaspis yasumatsui* Takagi, 1977
Insecta Matsumurana (N.S.) 11: 68.
Distr.: Guangdong. Thailand.
Host: *Cycas revoluta.*

182. Genus *Bigymnaspis* Balachowsky, 1958

Bigymnaspis Balachowsky, 1958, Mus. Roy. du Congo Belge [Tervuren] Ann. (n. s.) Sci. Zool. 4: 342. Type species: *Gymnaspis bilobis* Green and Laing, 1923.

606. *Bigymnaspis bullata* (Green, 1896)
Coccidae Ceylon 1: 68,72, *Aonidia.*
Distr.: Guangdong.
Host: *Citrus.*

183. Genus *Chionaspis* Signoret, 1869

Chionaspis Signoret, 1869, Soc. Ent. de France Ann. (ser. 4) 8: 844, 854, 871-872, 874; 1869, (ser.4) 9: 442. Type species: *Coccus salicis* Linnaeus, 1788. Syn.: *Fundaspis* MacGillivray, 1921; *Marchaliella* Borchsenius, 1951; *Phenacaspis* Cooley et Cockerell, 1899.

607. *Chionaspis acuta* Danzig, 1977
Trudy zool. Inst. Leningr. 62: 3.
Distr.: Liaoning, Jiangsu.
Host: *Celastrus orbiculatus.*

608. *Chionaspis alnus* Kuwana, 1928
Sci. Bull. Ministr. Agric. For. Tokyo 1: 7.
Syn.: *Chionaspis alnicola* Lindinger, 1949; *Phenacaspis betulae* Chen, 1983.
Distr.: Liaoning. Japan, Mongolia, Former Korea.
Host: *Betula platyphylla.*

609. *Chionaspis atlantiae* Takahashi, 1933
Dept. Agric. Res. Inst. Formosa Rept. 60: 44.
Distr.: Taiwan.

Host: *Severinia buxifolia.*

610. *Chionaspis agranulata* Chen, 1983
Chionaspidini from China: 7, fig. 2.
Distr.: Yunnan.

611. *Chionaspis camphora* (Chen, 1983)
Chionaspidini from China: 68, *Phenacaspis.*
Distr.: Qizhou, Sichuan.
Host: *Cinnamomum camphore.*

612. *Chionaspis cheni* Takagi, 1985
Ins. Mats. (N. S.) 33:21 n. n. for *Chionaspis betulae* Chen , 1983 nec Cooly 1898 nor Tippon & Beshear, 1970.
Distr.: China.

613. *Chionaspis linderae* Takahashi, 1952
Misc. Rep. Res. Inst. Nat. Resour Tokyo 7: 10, figs.
Syn.: *Phenacaspis neolinderae* Chen, 1983.
Distr.: Jiangxi.
Host: *Lindera glauca.*

614. *Chionaspis machili* (Takahashi, 1931)
Trans. Nat. Hist. Soc. Formosa 21: 1, *Diaspis.*
Distr.: Taiwan. Japan.
Host: *Cinnamomum* sp., *Machilus japonica,*

615. *Chionaspis machilicola* (Takahashi, 1935)
Dept. Agric. Res. Inst. Formosa Rept. 66: 13, fig., *Diaspis.*
Distr.: Taiwan.
Host: *Machilus* sp.

616. *Chionaspis machilicola var. cinamomicola* (Takahashi, 1935)
Dept. Agric. Res. Inst. Formosa Rept. 66: 15, *Diaspis.*
Distr.: Taiwan.
Host: *Cinnamomum erythrophloia.*

617. *Chionaspis megazygosis* Chen, 1983
Chionaspidini from China: 8.
Distr.: Yunnan.

618. *Chionaspis micropori* Marlatt, 1908
Wash. Tech. Ser. U. S. Dept. Agric. Ent. 16: 25.
Distr.: Shanxi.
Host: *Populus.*

619. *Chionaspis montana* Borchsenis, 1949
Ent. Obozr 30: 347, fig.
Distr.: Inner Mongolia, Xingxia. Former USSR.
Host: *Malus, Populus, Salix.*

620. *Chionaspis montanoides* Tang, 1986
Horticulture and Forest Scale Insects of China III: 254.
Distr.: Xinjiang, Ningxia.
Host: *Populus, Salix.*

621. *Chionaspis obclavatas* Chen, 1983
Chionaspidini from China : 10, fig. 6.
Distr. Fujian.
Host: *Quercus.*

622. *Chionaspis polypora* Borchsenius, 1949

Ent. Obozr 30: 347, fig.
Distr.: Ningxia.
Host: *Populus*, *Salix*.

623. *Chionaspis rotunda* (Takahashi, 1935)
Dept. Agric. Res. Inst. Formosa Rept. 66: 16, *Phenacaspis*.
Syn: *Chrysomphalus aonidum* (Linnaeus, 1768)
Distr.: Taiwan.
Host: *Quercus pseudomyrisimaefolia*.

624. *Chionaspis salicis* (Linnaeus, 1758)
Syst. Nat., Ed. 10, 2: 456, *Coccus*.
Syn.: *Aspidiotus minimus* Baerensprung, 1849; *A. populi* Bouche, 1851; *A. pyri* Sachtleben, 1944; *A. saliciflex* Ferris, 1941; *A. vaccinii* Bouche, 1851; *Chionaspis aceris* Signoret, 1869; *C. alni* Signoret, 1869; *C. fraxini* Signoret, 1869; *C. sorbi* Douglas, 1893; *Lecanium myrtilli* Kaltenbach, 1874; *Mytilaspis cryptogama* Targioni-Tozzetti, 1868; *M. maquarti* Targioni-Tozzetti, 1868.
Distr.:Inner Mongolia, Jilin, Ningxia, Xijia, Xingxia, Liaoning,Kansu. Europe, Russia.
Host: *Alnus communis*, *A. glulinosa*, *Acer pseudoplatanus*, *A. vulgare*, *Cornus sanguinea*, *Fraxinus excelsior*, *P. nigra*, *Populus pyramioides*, *Populus* sp., *P. tremuloides*, *Salix*, *S. alba*, *Salix hermaphrodita*, *S. holoserica*, *S. viminalis*, *Sarcothamus scoparius*, *S. vulgaris*, *Ribes Sorbus aucuparia*, *Tilia parvifolia*, *Vaccinium myrtillus*, *V. uliginosum*, *V. vitisidaea*.

625. *Chionaspis salicisnigrae* (Walsh, 1868)
Rep. Ent. Illinois 1: 40, *Aspidiotus*.
Syn.: *C. bruneri* Cockerell, 1905; *C. ortholobis bruneri* Cockerell, 1893; *Mytilaspis salicis* Le baron, 1872.
Distr.: Jilin, Inner Mongolia. Japan, Former USSR, Canada, America.
Host: *Populus*, *Salix*.

626. *Chionaspis saitamaensis* Kuwana, 1928
Sci. Bull. Min. Agric. For. Tokyo 1: 11.
Syn.: *Aulacaspis pseudopolypora* Chen, 1983; *Chionaspis pseudopolypora* Chen, 1983; *Chionaspis sichuanensis* Chen, 1983.
Distr.: Jilin. Japan.
Host: *Machilus japonica*, *M. kusanoi*, *M.* sp., *Phoebe*, *Quercus*.

627. *Chionaspis sozanica* Takahashi, 1933
Dept. Agric. Res. Inst. Formosa Rept. 60: 41.
Distr.: Taiwan.
Host: Acer sp.

628. *Chionaspis uenoi* Takagi, 1970
Insecta Matsumurana 33: 74.
Distr.: Taiwan.
Host: *Lindera communis*.

184. Genus *Chlidaspis* Borchsenius, 1949

Chlidaspis Borchsenius, 1949, Akad. Nauk SSSR Dok (n. s) 64: 736-737. Type species: *Phenacaspis prunorum* Borchsenius, 1939.

629. *Chlidaspis sinensis* Tang, 1977
Horticulture and Forest Scale Insects of China I: 158.
Distr.: Shanxi.

Host: *Salix*.

185. Genus *Chortinaspis* Ferris, 1938

Chortinaspis Ferris, 1938, Miiicroentomology 3: 45-46; Atlas of the Sacle Insects of Nortrh America (ser. 2) [v.2]: SII-194. Type species: *Aspidiotus chortinus* Ferris, 1921.

630. *Chortinaspis bilobis* (Maskell, 1896)

Trans. N. Zealand Inst. 30 (1897): 225, *Aspidiotus*.
Distr.: Taiwan, Hongkong.
Host: grass.

631. *Chortinaspis decorata* Ferris, 1952

Microentomology 17: 8.
Distr.: Guangdong, Yunnan.
Host: *Graminae*.

632. *Chortinaspis phragmitis* (Takahashi, 1931)

Trans. Nat. Hist. Soc. Formosa 21: 4; *Aspidiotus*.
Syn.: *Aspidiotus miscanthi* Kuwana, 1931.
Distr.: Taiwan.
Host: *Phragmites communis*.

186. Genus *Chrysomphalus* Ashmead, 1880

Chrysomphalus Ashmead, 1880, Amer. Ent. 3: 267. Type species: (*Chrysomphalus ficus* Ashmead, 1880 = *Coccus aonidium* Linnaeus, 1758.

633. *Chrysomphalus aonidum* (Linnaeus, 1758)

Syst. Nat. Ed. 10, 1: 145, *Coccus*.
Syn.: *Chrysomphalus ficus* Ashmead, 1880.
Distr.: Inner Mongolia, Shandong, Jiangsu, Zhejiang, Jiangxi, Fujian, Taiwan, Guangdong, Hongkon, Hainan, Sichuan, Guuizhou. India, Sri Lanka, Japan, Australia, Brazil, Barbados, America, Mauritius, Natal, Egypt, Europe.
Host: *Begonia mangifca*, *Camellia japonica*, *Cinnamomum camphora*, *Dictyosperma album*, *Ficus nitida*, *Ilex latifolia*, *I. lurida*, *Musa nana*, *Nerium indicum*, *Psidium guajava*, *Rhododendron arboreum*, *Trachycarpus fortunei*, *Vitis vinifera*.

634. *Chrysomphalus bifasciculatus* Ferris, 1938

Atlas Scale Insects N. America S11: 199.
Distr.: Inner Mongolia,Jiangsu, Zhejiang, Taiwan, Jiangxi, Hainan, Hunan. Japan, Hawaii, California.
Host: *Cinnamomum camphora*, *Cycas revoluta*, *Dianella ensifolia*, *Sindora glabra*.

635. *Chrysomphalus dictyospermi* (Morgan, 1889)

Ent. Mon. Mag.25: 352, *Aspidiotus*.
Syn.: *Aspidiotus agrumincola* De Gregoria, 1915; *A. dictyospermi* var. *arecae* Newstead, 1893; *A. dictyospermi* var. *jamaicensis* Cockerell, 1894; *Chrysomphalus castigatus* Mamet, 1936; *C. minor* Berlese, 1896.
Distr.: Shaanxi, Hebei, Shandong, Jiangsu, Zhejiang, Jaingxi, Fujian,Taiwan, Guangdong, Hubei, Shanxi, Hunan, Gaungxi, Yunnan. Japan, America, Tropical.
Host: *Cinnamomum camphora*, *Citrus*, *Cycas revoluta*, *Dictyosperma album*, *Erythrina indica*, *Latania*, *Ligustrum lucidum*, *Mangifera indica*, *Nerium indicum*, *Pinus*, *Sophora*, *Rosa*, *Trachycarpus fortunei*.

636. *Chrysomphalus mume* Tang, 1984
Horticulture and Forest Insects of China II: 35, fig.
Distr.: Yunnan.
Host: *Prunus mume*.

637. *Chrysomphalus silvestrii* Chou, 1946
Ins. Sinensium 1: 3-8.
Distr.: Yunnan.

187. Genus *Circodiaspis* Tang, 1986

Circodiaspis Tang, 1986, Horticulture and Forest Scale insects of China: III: 13. Type species: *Adiscodiaspis tamaricola* Malenotti, 1916.

638. *Circodiaspis sinensis* Tang, 1986
Horticulture and Forest Scale Insects of China III: 14, fig.
Distr.: Xinjiang.
Host: *Myricaria dahurica*, *Tamarix pentandra*.

188.Genus *Clavaspis* MacGillivray, 1921

Clavaspis MacGillivray, 1921, The Coccidae: 391. Type species: (*Aspidiotus subsimilis* var. *anonae* Houser, 1918 = *Aspidiotus herculeanus* Cockerell and Hadden, 1909. Syn.: *Ferrisaspis* MacGillivray, 1921; *Hendaspidiotus* MacGillivray, 1921.

639. *Clavaspis tayabana* (Cockerell, 1905)
Proc. Davenport Acad. Sci. Iowa 10: 133, *Aspidiotus*.
Distr.: Taiwan.
Host: *Pyracantha koidzumiii*.

189. Genus *Cornimytilus* Borchsenius, 1963

Cornimytilus Borchsenius, 1963. Zool. Zhur. 42: 1163. Type species: *Lepioodosaphes afganensis* Borchsenius, 1962.

640. *Cornimytilus alnicola* Borchsenius 1978
Entomologicheskoe Obozr. 57 (1): 106.
Distr.: China.

641. *Cornimytilus junipericola* Tang, 1986
Horticulture and Forest Scale Insects of China III: 69.
Distr.: Shanxi.
Host: *Juniperus rigida*.

642. *Cornimytilus kuwacola* (Kuwana, 1925)
Tech. Bull. Dep. Fin. Japan Imp. plant Quart. Ser. 2:4, 23, *Lepidosaphes*.
Syn.: *Lepidosaphes ume* Kuwana, 1925.
Distr.: Sichuan.
Host: *Caryopteris incana*.

643. *Cornimytilus lithocarpicola* Tang, 1986
Horticulture and Forest Scale Insects of Chin III: 71.
Distr.: Fujian.
Host: *Lithocarpus*.

644. *Cornimytilus piceae* Tang, 1986
Horticultureand Forest Scale Insects of China III: 73.

Distr.: Gansu.
Host: *Picea*.

190. Genus *Cornuaspis* MacGillivray, 1921

Cornuaspis MacGillivray, 1921, The Coccidae: 274, 286. Type species: *Mytilaspis ocellata* Green, 1907.

645. *Cornuaspis abdominalis* (Takagi, 1960)
Insecta Matasumurana 23: 80, fig., *Lepidosaphes*.
Distr.: Guangdong.
Host: *Osmanthus fragrans*.

646. *Cornuaspis beckii* (Newman, 1869)
Ent. 4: 217, *Coccus*.
Syn.: *Aspidiotus citricola* Packard, 1869; *Coccus anguinus* Boisduval, 1870; *Mytilaspis citricola* Comstock, 1881; *M. citricola* var. *tasmianiae* Maskell, 1897; *M. flavescens* Targioni-Tozzetti, 1876; *M. fulva* Targioni-Tozzetti, 1872; *M. pinnaeformis* Newstead, 1901.
Distr.: Jiangsu, Zhejiang, Fujian, Taiwan, Guangdong, Hongkong, Guangxi.
Host: *Citrus*; *Cupressus*, *Murraya exotica*, *Pinus massoniana*, *Quercus*.

647. *Cornuaspis chinensis* (Chamberlin, 1925)
Pan-Pacific Ent. 2: 85, figs. *Lepidosaphes*.
Distr.: Jiangsu, Taiwan, Guangdong.
Host: *Caryopteris incana*, *Cymbidium*, *Elaeagnus umbellata*, *Indigofera tinctoria*, *Liriope*, *Magnolia*.

648. *Cornuaspis cupressi* (Borchsenius, 1958)
Acta Entomologica Sinica 8 (2): 169, 175, *Lepidosaphes*.
Distr.: Jiangsu, Sichuan, Yunnan.
Host: *Cupressus*, *Diospyros kaki*, *Elaeagnus*, *Juniperus chinensis*, *Malus pumila*, *Rosa*, *Rubus*.

191. Genus *Crassaspidiotus* Takagi, 1969

Crassaspidiotus Takagi, 1969, Insecta Matsumurana 32: 89. Type species: *Crassiaspidiotus takahashii* Takahashi, 1969.

649. *Crassaspidiotus takahashii* Takagi, 1969
Insecta Matsumurana 32: 89.
Distr.: Taiwan.
Host: *Tsuga chinensis* var. *formosana*.

192. Genus *Diaonidia* Takahashi, 1956

Diaonidia Takahashi,1956, Insecta Matsumurana: 20: 25. Type species: *Aonidia yabunikkei* Kuwana, 1933.

650. *Diaonidia cinnamomi* (Takahashi, 1936)
Trans. Nat. Nist. Soc. Formosa 26: 82, *Gymnaspis*.
Distr.: Taiwan.
Host: *Machilus* sp.

193. Genus *Diaspidiotus* Berlese, 1896, or Berlese and Leonardi, 1986

Diaspidiotus Berles, 1896 or Berles and Leonardi, 1896. Type species: *Aspidiotus (Diaspidiotus) patavinus* Berlese, 1896.

651. *Diaspidiotus elaeagni* (Borchsenius, 1939)
Quar. Lab. 47.
Distr.: Xingiang, Ningxia, Tsinhai, Inner Mongolia.
Host: *Elaeagnus angustifolia.*

652. *Diaspidiotus perniciabilus* Wang, 1994
Acta Zootaxonomiica Sinica 19: 326.
Distr.: Anhui.
Host: *Castanea mollissima.*

653. *Diaspidiotus truanicus* (Borchsenius, 1935)
Plant Protection 6: 131, fig., *Aspidiotus*
Distr.: Xingiang.
Host: *Salix.*

654. *Diaspidiotus xingjiangensis* Tang, 1994
Horticulture and Forest Scale Insects of China II: 70.
Distr.: Xingjiang.
Host: *Populus.*

194. Genus *Diaspis* Costa, 1828

Diaspis Costa, 1828, Prospetto di Una Nuova Divisione Metodica del Genere Coccus, Lin. Lam. EC. Napoli, Dalla Tipografia Trani, pp. 6-7. Type species: (*Diaspis calyptroides* Costa 1835. Syn.: *Ferrisischiaspis* Bodenheimer, 1951; *Umbaspis* MacGillivray, 1921.

655. *Diaspis boisduvali* Signoret, 1869
Ann. Ent. Soc. Fr.4: 432.
Syn.: Diaspis cattleyae, Cockerell, 1902.
Distr.: Taiwan, Fujian, Hainan.
Host: *Acacia, Rhynchostylis retusa, Trachycarpus fortunei.*

656. *Diaspis bromelliae* (Kerner, 1778)
Naturg 20: 52, Coccus.
Syn.: *Diaspis tillandsiae* Del Guercio, 1894.
Distr.: Taiwan S. China. Burma. Japan, America.
Host: *Ananas comosus.*

657. *Diaspis echinocacti* (Bouche, 1833)
Naturgesch. schladl. Nutzl. Garden-Insekt : 53, *Aspidiotus.*
Syn.: *D. cacti* Comstock, 1883; *Diaspis calyptroides* Costa, 1835; *D. opuntiae* Newstead, 1893; *D. opunticola* Newstead, 1893.
Distr.: Inner Mongolia, Jiangsu, Taiwan, Guangdong, Yunnan, Xizang. India, E. Asia, Japan, Former USSR, America, N. Africa, W. Europe.
Host: *Opuntia dillenii, Zygophyllum xanthoxylum.*

195. Genus *Ductofrontaspis* Young and Hu, 1981

Ductofrontaspis Young and Hu, 1981, Contrib. Shanghai Instt. Entomol. 2: 212. Type specis: *Ductofrontaspis huangyangennnnsis* Young and Hu, 1981.

658. *Ductofrontaspis garciniae* Young & Hu, 1981
Contr. Shanghai Inst. Entomol. 2: 209.

Distr.: Yunnan.
Host: *Garcinia*.

659. *Ductofrontaspis huangyangensis* Young and Hu 1981
Contr. Shainghai Inst. Entomol. 2: 209.
Distr.: Zhejiang.
Host: *Shrub leaf*.

660. *Ductofrontaspis jingdongensis* Young and Hung, 1981
Contr. Shanghai Inst. Entomol. 2: 210.
Distr.:Yunnan.
Host: *Shrub leaf*.

196. Genus *Duplachionaspis* MacGillivray, 1921

Duplachionaspis MacGillivray, 1921, The Coccidae: 307. Type species: *Chionaspis graminis* Green, 1896.

661. *Duplachionaspis fujianensis* Chen, 1983
Chionaspidini from China: 60, fig. 48.
Distr.: Fujian.

662. *Duplachionaspis oblonga* Chen, 1983
Chionaspidini from China: 60, fig. 49.
Distr.: Yunnan.

663. *Duplachionaspis saccharifolii* (Zehntner, 1897)
Meded profsta.Oosta Java (n. s.) 36: 1, *Chionaspis*.
Distr.: Jiangxi. Indonesia.
Host: *Saccharum officinarum*.

664. *Duplachionaspis stantophri* (Colley, 1899)
Spec. Bull. Mass. Expt. Sta. Agr. Coll. 10: 35, *Chionaspis*.
Syn.: *Chionaspis graminis* var. *aegyptiaca* Hall, 1923; *C. g.* var. *divergens* Hall, 1922.
Distr.: Taiwan, Zhejiang, Guangdong.
Host: *Saccharum officinarum*.

665. *Duplachionaspis subtilis* Borchsenius, 1958
Ent. Obozr 37: 164, 172, fig.
Distr.: Guangdong.
Host: *Graminae*.

197. Genus *Duplaspidiotus* MacGillivray, 1921

Duplaspidiotus MacGillivray, 1921, The Coccidae: 394. Type species: *Pseudaonidia clavagera* Cockerell, 1901.

666. *Duplaspidiotus claviger* (Cockerell, 1901)
Entomologist 34: 226, *Pseudandia*.
Distr.: Taiwan, Yunnan. Japan, SriLanka, South Africa, Hawaii.
Host: *Punica granatum*.

667. *Duplaspidiotus xishuaensis* Young, 1986
Contrib. Shanghai inst. Entomol. 6: 199.
Distr.: Yunnan

198. Genus *Dynaspidiotus* Thiem and Gerneck, 1934

Dynaspidiotus Thiem and Gerneck, 1934, Arb uber Physiol. u. Angew.Ent. 1: 131-132, 230-

231. Type species: *Aspidiotus britannicus Newsteadf*, 1898.

668. *Dynaspidiotus britannicus* (Newstead, 1896)
Ent. Mon. Mag. 32: 279, *Aspidiotus*.
Distr.: Jianagxi, Yunnan.
Host: *Camellia sinensis*, *Firmiana simplex*, *Ilex*, *Laurus nobilis*, *Malus spectabilis*, *Pinus*.

669. *Dynaspidiotus meyeri* (Marlatt, 1908)
U. S. D. A. Bur. Ent. Tech. Ser. 16: 13, *Aspidiotus*.
Distr.: Inner Mongolia, Qinghai, Xinjiang, Ningxia. Former USSR, Iran.

199. Genus *Ephedraspis* Borchsenius, 1949

Ephedraspis Borchsenius, 1949, Akad. Nauk SSSR Dok. (n. s.) 64: 738. Type species: *Aspidiotus ephedrarum* Lindinger, 1912.

670. *Ephedraspis ephedrarum* (Lindinger, 1912)
Schildlause: 139, *Aspidiotus*.
Distr.: Xinjiang.
Host: *Ephedra* sp.

200. Genus *Epifiorinia* Takagi, 1970

Epifiorinia Takagi, 1970, Insecta Matsumurana 33: 53. Type specis: *Fiorinia pellucida* Targioni = *Siaspis fiorinia* Targioni, 1868.

671. *Epifiorinia tsugae* Takagi, 1970
Ins. Mats. 33: 53.
Distr.: Taiwan.
Host: *Tsuga chinensis* var. *formosana*.

201. Genus *Eucornuaspis* Borchsenius, 1963

Eucornuaspis Borchsenius, 1964, Zool Zhur. 42: 1631?. Type species: *Mytilalspis machili*, Maskell, 1898.

672. *Eucornuaspis pinnaeformiss* (Bouche, 1851)
Ent. Zeitg. Stettin 12: 111, *Aspidiotus*
Syn.: *Lepidosaphes cinnamomi* Takahashi, 1933; *L. cymbidicola* Kuwana, 1925; *L. ezokihadae* Kuwana, 1932; *L. tuberculatus* Green, 1921; *Mytilaspis machili* Maskell, 1896.
Distr.: Shanxi, Taiwan.
Host: *Cymbidium*, *Phoebe*.

673. *Eucornuaspis pseudomachili* Borchsenius, 1964
Ent. Obozr. 43: 157, 167, fig.
Distr.: Shanxi.
Host: *Tsuga*.

202. Genus *Fiorinia* Targioni - Tozzetti, 1868

Fiorinia Targioni - Tozzetti, 1868, (separate) Soc. Ital. di Sci. nat., Atti 11: 42; 1869, 11:735. Type species: (*Fiorinia pellucida* Targioni -Tozzetti, 1868) = *Diaspis fioriniae* Targioni - Tozzetti, 1867. Syn.: *Uhleria* Comstock, 1883.

674. *Fiorinia atlantiae* (Takahashi, 1933)
Dept. Agric. Res. Innst. Formosa, Rept. 60: 44, *Chionaspis*.
Distr.: Taiwan.

675. *Fiorinia camelleosae* Young, 1987
Contr. Shanghai Entomol Inst. 7: 123.
Distr.: Hunan.
Host: *Camellia oleifera*.

676. *Fiorinia citri* Young, 1987
Contr. Shanghai Entomol. Inst. 7: 124.
Distr.: Yunnan.
Host: *Citrus sinensis*.

677. *Fiorinia cunninghamiana* Young, 1987
Contr. Shanghai Entomol. Inst. 7: 125.
Distr.: Fujian.
Host: *Cunninghamia lanceolata*.

678. *Fiorinia euomyi* Young, 1987
Cont. Shanghai Entomol. Inst. 7: 125.
Distr.: Jiangsu.
Host: *Euonymus japonica*.

679. *Fiorinia externa* Ferris, 1942
Atlas Scale Insects N. America 4, 4-393, fig.
Distr.: Fujian, Guangdong, Sichuan. Japan, N. America.
Host: *Biota orientalis*, *Cedrus deodara*, *Juniperus chinensis*, *J. rigida*.

680. *Fiorinia fioriniae* (Targioni-Tozzetti, 1867)
Studi sul Cocc.14, *Diaspia*.
Syn.: *Chermes arecae* Boisduval, 1868; *Fiorinia camelliae* Comstock, 1881; *F. palmae* Green, 1986; *F. pellucida* Targioni, 1868.
Distr.: Inner Mongolia, Fujian, Hainan, Ningxia, Guangdong. Sri Lanka, Japan, Australia, America, Europe.
Host: *Camellia japonica*, *C. sinensis*, *Pinus*, *Salix*, *Ulmus*.

681. *Fiorinia formosaensis* Takahashi, 1933
Dept. Agric. Res. Inst. Formosa Rept. 60: 50.
Distr.: Taiwan.
Host: *Ficus foveolata*, *Ficus sarmentosa* var. *henryi*.

682. *Fiorinia fuzhouensis* Young, 1987
Contr. Shanghai Entomol. Inst. 7: 126.
Distr.: Fuzhou.

683. *Fiorinia hisakakii* Takahashi, 1936
Mushi 9: 7, Fiorinia vaccini Kuwana, 1925 var. *hisakakii*.
Distr.: Taiwan.
Host: *Eurya* sp.

684. *Fiorinia horii* Kuwana, 1927
Annot Zool. Japan 2: 151, figs.
Distr.: Fujian, Taiwan. Japan.
Host: *Rhododendron lasiostylum*.

685. *Fiorinia japonica* Kuwana, 1902
Proc. Acad. Sci. 3,3: 79, *Fiorinia fioriniae* var. *japonica*.
Distr.: Henan, Hebei, Fujian, Jaingxi, Jiangsu, Taiwan, Hong kong. Japan, Philippines, N.

America.
Host: *Chrysalidocarpus lutescens*, *Pinus*, *Podocarpus chinensis*, *Taxus*.

686. *Fiorinia keteleetiae* Young, 1987
Contr. Shanghai Entomol. Inst. 7: 127.
Distr.: Yunnan.
Host: *Keteleeria davidiana*.

687. *Fiorinia linderae*Takagi, 1970
Ins. Mats. 33: 64.
Distr.: Taiwan.
Host: *Lindera communis*.

688. *Fiorinia minor* Maskell, 1897
Trans. New Zealand Inst 29: 307, *Fiorinia camelliae* var. *minor*.
Syn.: *Fiorinia chinensis* Ferris, 1921.
Distr.: Fujian, Taiwan, Hongkong.
Host: *Camellia japonica*, *Celtis*, *Ficus*, *Trachycarpus fortunnei*.

689. *Fiorinia myricae* Young, 1987
Contr. Shanghai Entomol. Inst. 7: 128.
Distr.: Jiangxi.
Host: *Myrica rubra*.

690. *Fiorinia pinicola* Maskell, 1897
Ent. Mon. Mag. 33: 242.
Syn.: *Fiorinia prunosa* Ferris, 1950
Distr.: Zhejiang, Taiwan, Guangdong, Hongkong, Hainan, Yunnan, Fujian, Gaungxi. Europe, Japan.
Host: *Cupress juniperus*, *Pinus docarpus*, *P. latteri*, *P. macrophylus*, *P. massonianm*; *P. sinensis*.

691. *Fiorinia pinicorticis* Ferris, 1950
Microentomology, 15: 77.
Distr.: Yunnan.
Host: *Pinus*.

692. *Fiorinia proboscidaria* Green, 1900
J. Bombay N. H. Soc. 13: 256.
Distr.: Zhejiang, Fujian, Jiangxi, Guangdong, Guangxi, Sichuan, Yunnan. Japan, Sri Lanka.
Host: *Citrus*, *Eugenia jambos*, *Podocarpus macrophyllus*, *Taxus*.

693. *Fiorinia pruninosa* Ferris, 1950
Microentomology 15: 77.
Distr.: Yunnan.
Host: *Magnolia*.

694. *Fiorinia quercifolia* Ferris 1950
Microentomology 15:77.
Distr.: Yunnan, Zhejiang.
Host: *Quercus*.

695. *Fiorinia randiae* Takahashi, 1934
Dept. Agric. Res. Inst. Formosa Rep. 63: 20.
Distr.: Taiwan.
Host: *Randia canthioides*, *Randia sinensis*.

696. *Fiorinia rhododendri* Takahashi, 1935
Dept. Agric. Res. Inst. Formosa Rept. 66: 27.

Distr.: Taiwan.
Host: *Rhododendron*.

697. *Fiorinia rhododendricola* Tang, 1986
Horticulture and Forest Scale Insects of China III: 110.
Distr.: Fujian.
Host: *Rhododendron simsii*.

698. *Fiorinia separta* Takagi, 1961
Insecta Matsumurana 24: 4-42.
Distr.: Fujian.
Host: *Taxus* sp.

699. *Fiorinia smilaceti* Takahashi, 1931
Bull. Ent. Res. 22: 218.
Distr.: Taiwan.
Host: *Lindera communis*, *Smilax* sp.

700. *Fiorinia taiwana* Takahashi, 1934.
Dept. Agric Res. Inst. Formosa Rept. 63: 24.
Syn.: *Fiorinia taiwana* var. *arengae* Takahashi, 1934
Distr.: Anhui, Zhejiang, Fujian, Taiwam.
Host: *Arenga saccharifera*, *Chrysalidocarpus lutescens*, *Myrica rubra*.

701. *Fiorinia turpeniae* Takahashi, 1934
Dept. Agr. Govt. Res. Inst. Fomosa Rept 63: 21. *Fiorinia theae* var. *turpiniae* Takahashi, 1934·
Distr.: Jiangxi, Taiwan, Guangdong, Hongkong, Sichuan, Yunnan. India, Sri Lanka, Philippines, Japan, Eastern U. S. , Bahamar, Honduras, Mexico.
Host: *Camellia sinensis*, *Citrus*, *Turpinia formosana*.

702. *Fiorinia vaccinae* Kuwana, 1925
Imp. Plant Quar. Ser. Tech. Bull. 3: 15, figs.
Syn.: *Fiorinia cephalotaxi* Takahashi, 1952.

703. *Fiorinia yunnanensis* Hu, 1984
Contr. Shanghai Inst. Entomol. 4: 215.
Distr.: Yunnan.
Host: *Pinus yunnanensis*.

203. Genus *Formosaspis* Takahashi, 1932

Formosaspis Tkkahashi, 1932, Soc. Trop. Agr. Jour. 4: 47. Type species: *Ptoyodiaspis nigra* Takahashi, 1930.

704. *Formosaspis formosana* (Takahashi, 1931)
Trans. N. H. Soc. Formosa 21: 2, *Leucaspis*.
Distr.: Taiwan, Hongkong.
Host: *Bambusa*.

705. *Formosaspis nigra* (Takahashi, 1930)
J. Trop. Agric. Formosa 4: 47, *Protodiaspis*.
Distr.: Anhui, Taiwan, Zhejiang.
Host: *Arundinaria*, *Phyllostachys pubescens*.

706. *Formosaspis stegana* Ferris, 1952
Microentomology 17: 8, fig.
Distr.: Yunnan.
Host: *Bambusa*.

204. Genus *Froggattiella* Leonardi, 1900

Froggattiella Leonardi,1899, in Cockerell, Psyche 9: 72 (rec'd USDA Lib. V1-1-1900); 1900, Riv. de Patol. Veg. 8: 299-300 (publ. V111-31-1900). Type species: *Aspidiotus insusitatus* Green, 1896. Syn.: *Anoplaspis* Leonardi, 1900; *Berlesaspidiotus* MacGuillivray, 1921.

707. *Froggattiella inusitata* (Green, 1900)
J. Bombay Nat. Hist. Soc. 13: 71, *Odonaspis*.
Distr.: Guangdong.
Host: *Arundinaria*.

708. *Froggattiella mccliurei* Ben-Dov, 1988
U.S.D. A. Tech. Bull. 1723; 28.
Distr.: Guangdong, Hainan. Philippines, Indonesia.
Host: *Bambusa*.

709. *Froggattiella penicillata* (Green, 1905)
J. Bombay Nat. Hist. 16: 346 *Odonaspis*.
Syn.: *Aspidiotus insitatus* Green, 1896.
Distr.: Shaanxi, Henan, Zhejiang, Fujian, Taiwan, Guangdong.
Host: *Denocalamus latiflorus*

205. Genus *Genaparlatoria* MacGillivray, 1921

Genaparlatoria MacGillivray, 1921, The Coccidae: 248, Type species: *Paratoria pseudaspidioptus* Lindinger, 1905.

710. *Genaparlatoria pseudaspidiotus* (Lindinger, 1905)
Ins. borse 22: 131, *Paratoria*.
Syn.: *Parlatoria mangiferae* Marlatt, 1908.
Distr.: Yunnan.
Host: *Caryopteris incana*, *Vanda hookeriana*, *V. teres*.

206. Genus *Greenaspis* MacGillivray, 1921

Greenaspis MacGillivray, 1921,The Coccidae: 307. Type species: *Mytilaspis elongata* Green, 1896.

711. *Greenaspis bambusifoliae* (Takahashi, 1930)
Dept. Agric. Res. Inst. Formosa Rep. 48: 14, figs. *Chionaspis*.
Distr. Taiwan.
Host: *Bambusa*.

712. *Greenaspis chekiangensis* Tang, 1977
Horticulture and Forest Scale Insects of China I: 180.
(=Acta Entomologica Sinica 23 (2): 202, 1980)
Distr.: Zhejiang.
Host: *Arundinaria*.

713. *Greenaspis divergens* (Green, 1899)
Coccidae of Ceylon 2: 123, *Chionaspis graminis* var. *divergens*.
Distr.: Taiwan, Guangdong. Japan, Thailand, India, Sri Lanka, N. Australia.
Host: *Arundo formosana*, *Bambusa*, *Spinifex littoreus*.

714. *Greenaspis elongata* (Green, 1896)

Coccidae of Ceylon; 125: 39, *Mytilaspis*.
Syn.: *Greenaspis yunnanensis* Ferris, 1952.
Distr. Fujian, Taiwan, Sichuan, Yunnan, Guangdong. India,Sikkim, Thailand, Sri Lanka Malaysia, Japan.
Host: *Bambusa, Phrsgmites communis*.

715. *Greenaspis gejiuensis* Tang, 1987
Horticulture and Forest Scale Insects of China III: 180.
Distr.: Yunnan.
Host: Graminae.

207. Genus *Greeniella* Cockerell, 1897

Greeniella Cockerell, 1897, American Nat. 31: 703. Type species: *Aonidia cornigera* Green, 1896.

716. *Greeniella fimbriata* (Ferris, 1955)
Microentomology 20: 32, *Decoraspis*.
Distr.: Guangdong.
Host: *Eugenia* sp.

717. *Greeniella lahoarei* (Takahashi, 1931)
Bull. Ent. Res. 22: 219, fig. 9, *Aonidia*..
Distr.: Taiwan.
Host: *Eugenia* sp.

208. Genus *Guizhouaspis*Young, 1986

Guizhouaspis Young, 1986, Contrib. Shanghai Inst. Entomol.6: 205. Type species: *Guizhouaspis subterrraneus* Young, 1986.

718. *Guizhouaspis subterraneus* Young, 1986
Contr. Shanghai Inst. Entomol. 6: 205.
Distr.: Guizhou.

209. Genus *Gymnaspis* Newstead, 1898

Gymnaspis Newstead, 1898, Ent. Monthly Mag. 34: 92. Type specevis: *Gymnaspis aechmeae* Newstead, 1898.

719. *Gymnaspis rarasana* (Takahashi, 1934)
Dept. Agric. Res. Inst. Formosa Rept. 63: 31, *Aonidia*.
Distr.: Taiwan.
Host: *Gramineous rhizome*.

210. Genus *Hemiberlesia* Cockerell, 1897

Hemiberlesia Cockerell, 1897, in Leonardi, Riv. di Patol. Veg. 5: 375; 1897, U. S. Dept. Agr., Div. Ent. Tech.Ser. 6: 9, 12, 30. Type species: *Aspidiotus rapax* Comstock, 1881. Syn.: *Chem naspidiotus* MacGillivray, 1921; *Ephedraspis* Borchsenius, 1949; *Hemiberlesea* Brain, 1918; *Hemiberlesiana* Tiem and Gerneds, 1931; *Hemiberlesia* Tiem and Gerneds, 1897; *Marlattaspis* MacGillivray, 1921.

720. *Hemiberlesia chipponsanensis* (Takahashi, 1935)
Dept. Agric. Res. Inst. Formosa Rept. 66: 33, *Aspidiotus*.

Distr.: Taiwan.
Host: *Rhododendron* sp.

721. *Hemiberlesia implicatus* (Maskell, 1897)
Ent. Mon. Mag. 33: 241, *Aspidiotus*.
Distr.: Taiwan.
Host: *Campanula*.

722. *Hemiberlesia lataniae* (Signoret, 1869)
Ann. Soc. Ent. Fr.9 (4); 124, *Aspidiotus*.
Syn.: *Aspidiotus askleniae* Sasaki, 1935; *A. crawii* Cockerell, 1897; *A. cydoniae* Comstock, 1881; *A. cydoniae* var. *tecta* Maskell, 1897; *A. diffinis* var. *lateralis* Comstock, 1894; *A. greeni* Cockerell, 1897; *A. punicae* Cockerell, 1893.
Distr.: Inner Mongolia, Jiangsu, Zhejiang, Fujian, Taiwan, Guangdong, Guangxi,Yunnan, Jiangxi. Japan.
Host: *Ardisia japonica*, *Areca lutescens*, *Artocarpus heterophyllus*, *Citrus*, *Cocos nucifera*, *Cycas revoluta*, *Garcinia forbesi*, *Latania*, *Mangifera indica*, *Morus alba*, *Psidium guajava*, *Rhododendron*, *Scalesia*, *Trachycarpus fortunei*, *Vitis vinifera*.

723. *Hemiberlesia massonianae* Tang, 1984
Hortitculure and Forest Scale Insects of China II: 50, fig. 24.
Distr.: Guangdong.
Host: *Pinus massoniana*.

724. *Hemiberlesia pitysophila* Takagi, 1969
Ins. Mats. 32: 79.
Distr.: Taiwan, Guangdong, Hongkong, Macao, Hainan. Japan.
Host: *Pinus ellotti*, *P. massoniana*, *P. thunbergii*.

725. *Hemiberlesia rapax* (Comstock, 1881)
Rept. U. S. D. A. for 1880: 307, *Aspidiotus*.
Syn.: *Aspidiotus camelliae* Signoret, 1869; *A. convexus* Comstock, 1881; *A. acuminatus* Targioni, 1881; *A. evonymi* Targioni, 1888; *A. tricolor* Cockerell, 1897; *A. lacumae* Cockerell, 1899; *Diaspis circulatus* Green, 1896; *Hemiberlesia argentina* Leonardi, 1911.
Distr.: Jiangsu, Taiwan, Yunnan. Japan, cosmopolitan.
Host: *Actinidia arisanensis*, *Camellia sinensis*, *Cercis*, *Coprosma*, *Eucalyptus*, *Ilex* sp., *Malus pumila*, *Myoporum*, *Osmanthus fragrans*, *Rhamnus crocea*.

726. *Hemiberlesia sinensis* Ferris, 1953
Microentomology 15 (3): 66.
Syn.: *Hemiberlesia sishanensis* Ferris, 1953.
Distr.: Yunnan.
Host: *Nerium indicum*.

211. Genus *Howardia* Berlese and Leonardi, 1896

Howardia Berlese and Leonardi, 1896, Riv. di Patol. Veg. 4: 347. Type species: *Chioaspis (?) biclavis* Commstock, 1883. Syn.: *Megalodiaspis* Palmi, 1915.

727. *Howardia biclavis* (Comstock, 1883)
2nd Rept. Dept. Ent. Cornell Univ. : 98, *Chionaspis*.
Syn.: *Aspidiotus theae* Green, 1890; *Chionaspis biclavis* var. *detecta* Maskell, 1895.
Distr.: Taiwan, Yunnan. Japan.
Host: *Camellia sinensis*, *Lacuma nervosa*, *Piper nigrum*.

212. Genus *Ichthyaspis* Takagi, 1970

Ichthyaspis Takagi, 1970, Insecta Matsumurana 33: 120, Thpe species: *Adiscofiorinia ficicola* Takahashi, 1931.

728. *Ichthyaspis ficicola* (Takahashi, 1931)
J. Soc. Trop. Agric. Formosa 3: 308, *Adiscofiorinia.*
Distr.: Taiwan. Japan.
Host: *Ficus foveolata, F. sarmentosa* var. *henryi.*

213. Genus *Insulaspis* Mamet, 1950

Insulaspis Mamet, 1950, Inst. Sci. de Madagascar, Mem. Ser. A, 4: 32-33. Type species: *Lepidosaphes vermiculus* Mammmmmet, 1937.

729. *Insulaspis camelliae* (Hoke, 1921)
Ann. Ent. Soc. Amer. 14: 339, *Lepidosaphes.*
Syn.: *Insulaspis ume* Kuwana, 1925; *L kuwacola* Kuwana, 1925
Distr.: Guangdong, Hunan.
Host: *Camellia japonica, C. oleifera.*

730. *Insulaspis corni* (Takahashi, 1957)
Trans. Shikoku Ent. Soc. 5: 111, *Lepidosaphes.*
Distr.: Hubei.
Host: *Euonymus alatus.*

731. *Insulaspis garambiensis* (Takahashi, 1933)
Dept. Agric. Res. Inst. Formosa Rept. 60: 47, fig., Lepidosaphes.
Distr.: Taiwan .

732. *Insulaspis gloveri* (Packard, 1869)
Gide to study insects 1; 527, *Coccus.*
Syn.: *Mytilococcus sexspina* Hope, 1921.
Distr.: Shaanxi, Shandong, Taiwan, Hainan.
Host: *Buxus sinica, Citrus, Damnacanthus indicus, Populus, Salix.*

733. *Insulaspis japonica* (Kuwana, 1902)
Proc. Calif. Acad. Sci. 3,3 :89, *Mytilaspis pomerum* var. *japonica.*
Syn: *Insulaspis japonica* Kuwana, 1902.
Distr.: Shandong, Taiwan, Bejing, Yunnan.
Host: *Pinus, Tsuga.*

734. *Insulaspis lithocarpi* (Takahashi, 1934)
Dept. Agric. Res. Inst. Formosa Rept. 63, 18, fig. *Lepidosaphes.*
Distr.: Taiwan.
Host: *Lithocarpus.*

735. *Insulaspis maskelli* (Cockerell, 1897)
Trans. N. Zealand Inst. 27: 46, *Mytilaspis pallida var. maskelli.*
Syn.: *Mytilaspis newstead* Suc, 1895.
Distr: Inner Mongolia, Zhejiang, Taiwan, Hainan.
Host: *Cephalotaxus, Taxus.*

736. *Insulaspis nivalis* (Takagi, 1970)
Ins. Mats. 33: 4, *Lepidosaphes.*
Distr.: Taiwan.
Host: *Abies, Tsuga chinensis.*

737. *Insulaspis pallida* (Maskell, 1895)
Trans. Proc. N. Zealand Inst. 27: 46, *Mytilaspis pallida* var.?.
Syn.: *Lepidosaphes newsteadi* Ferris, 1938.
Distr.: Taiwa, Fujian.
Host: *Kandelia rheedii*.

738. *Insulaspis pinea* Borchsenius, 1964
Ent. Obozr 43: 164, 168, fig.
Distr.: Hongkong.
Host: *Pinus*.

739. *Insulaspis pineti* (Borchsenius, 1958)
Acta Entomologica Sinica 7: 170, 175, *Lepidosaphes*.
Distr.: Shandong, Beijing, Zhejiang, Guangdong.
Host: *Pinus massoniana*.

740. *Insulaspis pini* (Maskell, 1897)
Ent. Mon. Mag. 33: 242, *Poliaspis*.
Syn.: *Mytilococcus pinorum* Lindinger, 1957.
Distr.: Liaoning, Shandong, Jiangsu, Taiwan, Hebei, S. China.
Host: *Cunninghamia lanceolata*, *Pinus australia*, *P. densiflora*, *P. thunbergi*, *Podocarpus macrophyllus*, *Taxus*.

741. *Insulaspis pinicolous* (Chen, 1937)
Ent. and Phytopath. 5: 385, *Lepidosaphes*
Distr.: Shandong, Beijing.
Host: *Pinus*.

742. *Insulaspis tokionis* (Kuwana, 1902)
Pap. Calif. Ac. Sci. 3,3: 81, *Mytilaspis newstead* var. *tokyonis*.
Syn.: *Lepidosaphes lasianthi* Ferris, 1933; *Lepidosaphes newsteadi tokionis* Fenald, 1903; *Mytilaspis auriculata* Green, 1907.
Distr.: Taiwan.
Host: *Codiaeum variegatum*, *Croton tiglium*.

743. *Insulaspis tritubulatus* (Borchsenius, 1958)
Acta Entomologica Sinica 8: 172, 177, fig., *Lepidosaphes*
Distr.: Sichuan.
Host: *Euonymus alatus*.

744. *Insulaspis yanagicola* (Kuwana, 1925)
Imp. Plant Quar. Ser. Tech. Bull. 2: 19, fig. *Lepidosaphes*.
Syn.: *Lepidosaphes atunicola* Siraiwa, 1939..
Distr.: Shandong, Yunnan.
Host:. *Morus*, *Populus*, *Salix*.

214. Genus *Ischnafiorinia* MacGillivray, 1921

Ischnafiorinia MacGillivray, 1921, The Coccidae: 372. Type species: *Fiorinia bambusae* Maskell, 1896.

745. *Ischnafiorinia bambusae* Maskell, 1897
Ent. Monthly Mag. 33: 242, *Fiorinia*.
Distr.: Taiwan.
Host: *Bambusa fortunei*.

746. *Ischnafiorinia bambusicola* Hu, 1987

Contr. Shanghai Inst. Entomol. 7: 135.
Distr.: Sichuan.
Host: *Bambusa omeiensis*.

215. Genus *Kuwanaspis* MacGillivray, 1921

Kuwanaspis MacGillivray, 1921, The Coccidae: 311. Type species: *Chionaspis (?)hikosani* Kuwana, 1902. Syn.: *Lepidosaphoides* Lindinger, 1930; *Tsukushinaspis* Kuwana, 1928.

747. *Kuwanaspis annandalei* (Green, 1919)
Rec. Ind. Mus. 16: 434, *Chionaspis*.
Distr.: Taiwan.
Host: *Bambusa stenostachya*.

748. *Kuwanaspis arundinariae* Takahashi, 1938
Mushi 11: 42, figs.
Distr.: Taiwan.
Host: *Arundinaria*.

749. *Kuwanaspis bambusae* (Kuwana, 1902)
Proc. Calif. Acad. Sci. (3) 3: 74, *Leucaspis*.
Syn.: *Chionaspis pseudoleucaspis* Kuwana, 1923.
Distr.: Taiwan, Yunnan.
Host: *Bambusa*, *Phyllostachys pubescens*.

750. *Kuwanaspis bambusifoliae* (Takahashi, 1934)
Dept. Agric. Res. Inst. Formosa Rept. 63: 11, figs., *Tsukushiaspis*.
Disr.: Taiwan, Fujian.
Host: *Bambusa*.

751. *Kuwanaspis daliensis* Hu, 1983
Contr. Shanghai Inst. Entomology 3: 213.
Distr.: Yunnan.

752. *Kuwanaspis elongata* (Takahashi, 1930)
Dept. Agric. Res. Inst. Formosa Rept. 48: 18,*Tsukushiaspis*.
Distr.: Taiwan.
Host: *Bambusa*.

753. *Kuwanaspis elongatoides* Tang and Hu, 1986
Horticulture and Forest Scale Insects of China III: 92.
Distr.: Anhui.
Host: *Bambusa*.

754. *Kuwanaspis foliosus* Wu, 1986
Acta Entomologica Sinica 229 (3): 306.
Distr.: Anhui.
Host: *Indocalamus migoi*.

755. *Kuwanaspis hikosani* (Kuwana, 1902)
Proc. Calif. Acad. Sci. 3: 76, *Chionaspis*.
Syn.: *Kuwanaspis hikosani* var. *hongkongensis* Takahashi, 1942.
Distr.: Jiangsu, Anhui, Zhejiang, Fujian, Gungdong, Hongkong, Japan.
Host: *Bambusa*, *Phyllostachys pubescens*.

756. *Kuwanaspis howardi* (Colley, 1898)
Canad.Ent. 30: 88, *Chionaspis*.
Syn.: *Kuwanaspis phyllostachydis* Borchsenius and Hadjibeijli, 1950; *Kuwanaspis pseudoleucaspis* Ferris, 1953.

Distr.: Anhui, Jiangsu, Jiangxi, Fujian, Yunnan,Zhejiang. America, Japan, Former USSR.
Host: *Arundinaria*, *Bambusa*, *Phragmites*, *Phyllostachys pubescens*.

757. *Kuwanaspis linearis* (Green, 1922)
J. Bombay Nat. Hist. Soc. 28: 1018, *Chionaspis*.
Distr.: Guangdong.
Host: *Bambusa*.

758. *Kuwanaspis multiporus* Tang, 1986
Horticulture and Forest Scale Insects of China III:103.
Distr.: Kunming.
Host: *Bambusa* sp.

759. *Kuwanaspis phragmitis* (Takahashi, 1931)
Bull. Ent. Res. 22: 216, fig., *Tsukushiaspis*.
Distr. Taiwan.
Host: *Arunddo donax*, *Phragmites*.

760. *Kuwanaspis suishana* (Takahashi, 1930)
Dept. Agric. Res. Inst. Formosa Rep. 48: 16, fig. *Tsukushiaspis*.
Distr.: Fujian, Taiwan, Sichuan. Thailand.
Host: *Bambusa*, *Phyllostachys edulis*.

761. *Kuwanaspis vermiformis* (Takahashi, 1931)
Bull. Ent. Res. 23: 215, *Tsukushiaspis*.
Distr.: Anhui, Jiangsu, Fujian, Taiwan, Guangdong. Madacas car.
Host: *Bambusa stenostachya*, *Sinocalamus latiflorus*, *Sinocalamus oldhmaii*.

216. Genus *Lepidosaphes* Shimer, 1868

Lepidosaphes Shimer, 1868, Amer. Ent. Soc. Trans. :372-373. Type species: (*Coccus conchiformis* Gmelin, 1780) = *Coccus ulmi Linnaeus*, 1758.

762. *Lepidosaphes celti* Kuwana, 1925
Imp. Plant Quar. Ser. Tech. Bull.2: 28, fig.
Distr.: Yunnan. Japan.
Host: *Celtis*.

763. *Lepidosaphes cycadicola* Kuwana, 1931
Dobuts Zasshi 43: 658,figs.
Distr.: Taiwan.
Host: *Cycas revoluta*, *Vitex negundo*.

764. *Lepidosaphes folicola* Borchsenius, 1967
Ent. Obozr 40: 252, n. n. for *cupressi* Borchsenius nec Lindinger.
Distr. Jiangsu, Fujian, Guangxi. Japan.
Host: *Cupressus*, *Juniperus*, *Pinus massoniana*.

765. *Lepidosaphes malicola* Borchsenius, 1947
Dokl. Akad. Nauk Armyansk SSSR 7: 142.
Syn.: *Lepidosaphes kirgisica* Borchsenius, 1949
Distr.: Xingjiang.
Host: *Prunus persica*, *Salix*.

766. *Lepidosaphes pyrorum* Tang, 1977
Horticulture and Forest Scale Insects of China 1: 202.
Distr.: Shanxi.
Host: *Pyrus*.

767. *Lepidosaphes salicina* Borchsenius, 1958

Acta Entmologica Sinica 8: 17.
Distr.: Heilongjiang, Jilin, Liaoning, Inner Mongolia, Gansu, Ningxia, Xinjiang, Henan.
Host: *Salix*, *Populus*, *Ulmus*.

768. *Lepidosaphes takaoensis* Takahashi, 1935
Dept. Agric. Res. Inst. Formosa Rept. 66: 23, fig.
Distr.: Taiwan.
Host: *Celtis sinensis*, *Codiaeum variegatum*.

769. *Lepidosaphes ulmi* (Linnaeus, 1758)
Syst. Nat. ed. 10, 1: 455, *Coccus*.
Syn.: *Aspidiotus conchiformis* Curtis, 1843; *A. falciformis* Baerensprung, 1849; *A. juglandis* Fitch, 1855; *A. pomorum* Bouche, 1851; *A. saliceti* Ferris, 1941; *Diaspis linealis* Costa, 1835; *Lepidosaphes ulmi bisexualis* Schmutterer, 1951; *Lepidosaphes ulmi canadida* Fernald, 1903; *L. ulmi-cottini* Koroneos, 1934; *L. ulmi-rosae* Koroneos, 1934; *L. ulmi vitis* Fernald, 1903; *L. vulva* Nel, 1933; *Mytilaspis ceratoniae* Gennadios, 1895; *M. pomocorticis* Riley, 1873; *M. pomorum* var. *candidus* Newstead, 1901; *M. pomorum* var. *ulicis* Newstead, 1901; *Mytilococcus saliceti* Lindinger, 1936; *M. ulmicorticis* Riley, 1874; *M. vitis* Goethe; 1884; *M. ulicis* Douglas, 1886.
Distr.: Heilongjiang, Jilin, Liaoning, Xingjiang, Ganasu,Ningxia, Henan, Shanxi, Hebei, Hubei, Zhejiang, jiangxi, Fujian, Guangdong, Hunan, Sichuan, Yunnan, x Xizang. Japan, Former USSR, America, Canada, Brazil, Argentina, Chili, Portugal, Spain, France, Italy, Former Yugoslavia, Greece,Bulgaria, Romania, England, Holland, Demark,Hungary, Turkey, Iran.
Host: *Ailantus glondulosa*, *Ceanothus americanus*, *Malus pumila*, , *Populus*, *Prunus armeniaca*, *Prunus salicina*, *Pyrus*, *Rhododendron*, *Rosa*, *Salix*, *Sassafras officinale*, *Sorbus*, *Stillingia sebifera*.

770. *Lepidosaphes yoshimotoi* Takagi, 1970
Insecta Matsumurana 33: 11.
Distr.: Taiwan.
Host: *Chamaecyparis formosensis*.

217. Genus *Leucaspis* Targioni - Tozzetti, 1868

Leucaspis Targioni - Tozzetti, 1868, (separate) Soc. Ital. di Sci. Nat. Atti 11-41; 1869, 11: 734; Signoret, 1870, Soc. Ent. de France Ann. (ser. 4) 10: 100. Type species: *Leucaspis candida* Targioni - Tozzetti 1868 = *Coccus pini* Hartig, 1839. Syn: *Actenaspis* Leonardi 1906; *Anamaspis* Leonardi, 1906; *Euleucaspis* Lindinger, 1905; *Leucaspis* Signoret, 217; *Pusillaspis* Lindinger, 1906; *Rhopaloaspis* Del Guercio, 1903.

771. *Leucaspis incisa* Takagi, 1969
Insecta Matsumurana 32: 26.
Distr.: Taiwan.
Host: *Machiulus japonica*, *M. kusanoi*.

772. *Leucaspis machili* Takagi, 1969
Insecta Matsumurana 32: 26.
Distr.: Taiwan.
Host: *Machilus japonica*.

773. *Leucaspis vitis* (Takahashi, 1935)
Dept. Agric. Res. Inst. Formosa Rept. 66: 19, *Leucodiaspis*.
Distr.: Taiwan.

Host: *Vitis vinifera.*

218. Genus *Lindingaspis* MacGillivray, 1921

Lindingaspis MacGillivray, 1921, The Coccidae: 388. Type species: *Melanaspis samoana* Lindinger, 1911. Syn.: *Actenaspis* Leonardi, 1906; *Anamaspis* Leonartdi, 1906; *Euleucospis* Lindinger, 1905; *Leucodiaspis* Signoret, 1869; *Pusillaspis* Lindinger, 1906;. *Rhopaloaspis* Del Guercio, 1903.

774. *Lindingaspis ferrisi* Mckenzie 1850

Microentomology 15: 100.
Distr.: Taiwan, Fujian, Guangdong, Yunnan, Hainan.
Host: *Calophyllum inophyllum, Citrus, Dimocarpus longan, Litchi chinensis, Mangifera indica.*

775. *Lindingaspis rossi* (Maskell, 1891)

Trans. N. Z. Inst. 23: 3, *Aspidiotus.*
Distr.: Fujian, Taiwan.
Host: *Abutilon, Acacia, Araucaria bidwillii, Artemisia, Callophyllum inophyllum, Capparis moonii, Coocos nucifera, Eucalyptus, Mangifera indica, Nerium indicum, Rhinocarpus, Trachycarpus fortunei, Vitis vinifera, Xanthorrhoea.*

219. Genus *Lopholeucaspis* Balachowsky, 1953

Lopholeucaspis Balachowsky, 1953, Actualies Sci. and Indus, Ent. Appl. 1202: 875. Type species: *Leucaspis japonica* Cockerell, 1897.

776. *Lopholeucaspis cinnamomum* Tang, 1981

Entomotaxonomia 3 (1): 52.
Distr. Zhejiang.
Host: *Cinnamomum chekiangensis, C. japonica.*

777. *Lopholeucaspis cockerelli* (Grandpre and Charmoy, 1899)

Publ. Soc. Amic. Sci. Mauurice 35: 37, *Fioriniaa*
Distr. Hongkong. Jaapan.
Host: *Ulmus.*

778. *Lopholeucaspis hydrangeae* (Takahashi, 1934)

Dept. Agr. Res. Inst. Formosa Rept. 63: 15, *Leucodiaspis.*
Distr.: Taiwan.

779. *Lopholeucaspis japonica* (Cockerell, 1897)

Psyche 8: 53, *Leucaspis.*
Syn.: *Lopholeucaspis japonica* var. *darwiniensis* Takahashi, 1934.
Distr.: Taiwan.
Host: *Eurya crenatifolia, Hydrangea integrifolia (=integra), H.* sp., *Liquidamba formòsana, Pittosperum tobira, Rhododendrom* spp.

780. *Lopholeucaspis massoniae* Tang, 1980

Acta Entomologica Sinica 23 (2): 203
Distr.: Fujian.
Host: *Pinus massoniana.*

220. Genus *Maniaspis* Borchsenius, 1964

Maniaspis Borchsenius, 1964, Ent. Obozr. 43: 442, Type species: *Maniaspis manii* Borchsenius, 1964.

781. *Maniaspis cinnamomum* Tang, 1977

Horticulture and Forest Scale Insects of China I: 142.
Dist.: Zhejiang.
Host: *Osmanthus fragrnans.*

221. Genus *Megacanthaspis* Takagi, 1961

Megacanthaspis Takagi, 1970, Insecta Matsumurana 24: 100?, Type species: *Megacanthaspis actinodaphnes* Takagi, 1970.

782. *Megacanthaspis litsea* Takagi, 1970

Insecta Matsumurana 33: 130.
Distr.: Taiwan.
Host: *Litsea akoensis.*

783. *Megacanthaspis phoebia* Tang, 1981

Entomotaxonomia 3 (1): 3 (1): 51.
Distr.: Zhejiang.
Host: *Phoebe sheareri.*

222. Genus *Melanaspis* Cockerell, 1897

Melanaspis Cockerell, 1897, in Leonardi, Riv. di Patol. Veg. 5: 375; Cockerell, 1897, U>S>Dept. Agr., Div. Ent., Tech. Ser. 6: 9, 13. Type species: *Aspidiotus obscurus* Comstock, 1881. Syn.: *Pelomphala* MacGillivray, 1921; *Hemigymnaspis* Lindinger, 1934.

784. *Melanaspis smilacis* (Comstock, 1883)

2nd Rep. Dept. of Ent. Corn. UNiv.: 69, *Aspidiotus.*
Syn.: *Aspidiotus bromillae*, Newstead, 1901; *A. marlatti* Parrotti, 1899; *A. (Aonidiella) multiclavata* Green and Laing, 1923; *Pseudischnaspis anassarum* Lindinger, 1932.
Distr.: Taiwan.
Host: *Anans comosus.*

223. Genus *Mixaspis* Takahashi, 1932

Mixaspis Takahashi, 1932, Soc. Trop. Agr. Jour. 4: 46-47. Type species: *Leucaspis bambsicola* Takahashi, 1930.

785. *Mixaspis bambusicola* (Takahashi, 1930)

Dept. Agric. Res. Inst. Formosa Rept. 48: 26, *Leucaspis. Mixaspis bambusicola* Takahashi, 1932.
Distr.: Taiwan.
Host: *Bambusa.*

224. Genus *Morganella* Cockerell, 1897

Morgannell Cockerell, 1897, U. S. Dept. Agr., Div. Ent. Tech. Ser. 6: 22. Type species: (*Aspidiotus (Morganella) maskelli* Cockerell. 1897) = *Aspidiotus longspinus* Morgan, 1889.

786. *Morganella longispina* (Morgan, 1889)

Ent. Mon. Mag. 25: 235, *Aspidiotus*.
Syn.: *Aspidiotus (M.) longinus* Cockerell, 1897; *A. (Morganella) maskelli* Cockerell, 1897; *A. ornataus* Ferris, 1941; *Hemiberlesia longispina* var. *ornata* Leonardi, 1900.
Distr.: Inner Mongolia, Fujian, Guangdong, Yunnan. Hawaii. Brazil, Japan, S. Africa, Caribbean.
Host: *Grammatophyllum*, *Arthrocarpum*, *Caodendron*, *Cupania*, *Peddiea*.

225. Genus *Mycetaspis* Cockerell, 1897

Mycetaspis Cockerell, 1897, U. S. Dept. Agr., Div. Ent., Tech. Ser. 6: 8, 13. Type species: *Aspiidiotus personatus* Commmstock, 1883.

787. *Mycetaspis personata* (Comstock, 1883)
Rep. Dept. Cornell Univ. Exp. Sta. 2: 56, 66, *Aspidiotus*.
Distr.: Hongkong.

226. Genus *Nanmusaspis* Tang, 1977

Nanmusaspis Tang, 1977, Horticulture and forest Scale insects of China 1: 148, Type species: *Nanmusaspis phoebia* Tang, 1977.

788. *Nanmusaspis phoebia* Tang, 1977
Horticulture& Forest Scale Insects of China I: 148.
Distr.: Zhejiang.
Host: *Phoebia*.

227. Genus *Neoparlatoria* Takahashi, 1931

Neoparatoria Takahashi, 1931,Soc. Trop. Agr. Jour. 3: 381-382. Type species: *Neoparlatoria formosana* Tang, 1977.

789. *Neoparlatoria excisi* Tang, 1977
Horticulture and Forest Scale Insects of China I: 136.
Distr.: Zhejiang.
Host: *Quercus*.

790. *Neoparlatoria formosana* Takahashi, 1931
J. Soc. Trop. Agric. Formosa 3: 382, fig.
Syn.: *Neoparlatoria lithocarpi* Takahashi, 1934.
Distr.: Taiwan.
Host: *Cyclobolanopsis glauca*, *Lithocarpus* sp.

791. *Neoparlatoria lithocarpicola* Takahashi, 1931
Dept. Agr. Res. Inst. Formosa Rept. 63: 30, figs.
Distr.: Taiwan.
Host: *Castanopsis* sp., *Lithocarpus uraiana*.

792. *Neoparlatoria maai* Takagi, 1969
Ins. Mats. 32: 44.
Distr.: Taiwàn.
Host: *Castanopsis* sp.

793. *Neoparlatoria miyamotoi* Takagi, 1969
Insecta Matsumurana 32: 44.
Distr.: Taiwan.

Host: *Castanopsis kusanoi*.

794. *Neoparlatoria wuiensis* Tang, 1980

Acta Entomologica Sinica 23 (2): 204.
Distr.: Zhejiang.
Host: *Lithocarpus*.

795. *Neoparlatoria yunnanensis* Young, 1985

Contr. Shanghai Inst. Entomol. 5: 259.
Distr.: Yunnan.
Host: Shrub leaf.

228. Genus *Neopinnaspis* McKenzie, 1949

Neopinnaspis McKenzie, 1949, Calif. Dept. GR. bUL. 38: 123-124. Type species: *Neopinnaspis harperi* McKenzie, 1949.

796. *Neopinnaspis harperi* McKenzie, 1949

Bull. Calif. Dept. Agric. 38: 123.
Distr.: Taiwan.
Host: *Hibiscus rosa-sinensis*.

797. *Neopinnaspis miduensis* Borchsenius, 1959

Zool. Zhurn 38: 1821,1824, figs.
Distr.: Yunnan.

229. Genus *Neoquernaspis* Howeell and Takagi, 1981

Neoquernaspis Howell and Takagi, 1981, Ann. Ent. Soc. Amer. 74 (5): 487. Type species: *Quernaspis nepalensis* Takagi, 1977.

798. *Neoquernaspis lithocarpi* (Takahashi, 1931)

Bull. Ent. Res. 22: 214, *Pinnaspis*.
Distr.: Taiwan.
Host: *Lithocarpus*.

799. *Neoquernaspis unciformis* Jiang and Chen, 1984

Entomotaxomia 6 (2-3): 237.
Distr. Yunnan.
Host: *Quercus*.

230. Genus *Nikkoaspis* Kuwana, 1928

Nikkoaspis Kuwana, 1928, Min. Agr. and Forestry, Dept. Agr. [Japan] Sci. Bul. 1: 37. Type species: *Nikkoaspis shiranensis* Kuwana, 1928.

800. *Nikkoaspis formosana* (Takahashi, 1930)

Dept. Agric. Res. Inst. Formosa Rept. 48: 23, *Tsukushiaspis*.
Distr.: Taiwan.
Host: *Bambusa*.

801. *Nikkoaspis hichiseisana* (Takahashi, 1934)

Dept. Agric. Res. Inst. Formosa Rep. 63: 12, figs. *Tsukushiaspis*.
Distr.: Taiwan.
Host: *Arundinaria formosana*, *Phragmites* sp.

802. *Nikkoaspis sasae* (Takahashi, 1936)

Peking Nat. Hist. Bull. 10: 218, *Tsukushiaspis*..

Distr.: Anhui,Jiangsu, Zhejiang.
Host: *Bambusa*.

803. ***Nikkoaspis simaoensis* Hu, 1987**
Contr. Shanghai Inst. Entomol. 7: 138.
Distr.: Yunnan.
Host: *Bambusa*.

231. Genus *Octaspidiotus* MacGillivray, 1921

Octaspidiotus MacGillivray, 1921, The Coccidae: 387. Type species: *Aspidiotus subrubescens* Maskell, 1892.

804. ***Octaspidiotus bituberculatus* Tang, 1984**
Horticulture and Forest Scale Insects of China II: 26, fig.
Distr.: Zhejiang.
Host: *Sapium sebiferum*.

805. ***Octaspidiotus cymbidii* Tang, 1984**
Horticulture and Forest Scale Insects of China II: 31, fig.
Distr.: Bejing.
Host: *Cymbidium*.

806. ***Octaspidiotus machili* (Takahashi, 1931)**
J. Soc. Trop. Agric. Formosa 3: 384, *Aspidiotus*.
Distr.: Taiwan.
Host: *Machilus* sp., *Scheffera octophylla*.

807. ***Octaspidiotus nothopanacis* Ferris, 1953**
Microentomology 18: 66, fig.
Distr.: Yunnan.
Host: *Araucaria cunninghamia*.

808. ***Octaspidiotus pinicola* Tang, 1984**
Horticulture and Forest Scale Insects of China II: 26, fig.
Distr.: Yunnan.
Host: *Pinus ellotti*.

809. ***Octaspidiotus rhododendroni* Tang, 1984**
Horticulture and Forest Scale Insects of China II: 26, fig.
Distr.: Yunnan.
Host: *Rhododendron*.

810. ***Octaspidiotus spinosus* (Comstock, 1883)**
Rep. Dep. Cornell Univ. Expt. Sta. 2: 57, 70, *Aspidiotus*.
Syn.: *Acanthaspidiotus borchseniusi* Takagi & Kawai, 1966; *Aspidiotus cydoniae* Newstead, 1897; *A. persearum* Cockerell, 1898.
Distr.: Jiangsu, Guangdong. England, America.
Host: *Camellia*, *Taxus*.

811. ***Octaspidiotus stauntoniae* (Takahashi, 1933)**
Dept. Agric. Res. Inst. Formosa Rept. 60: 54, *Aspidiotus*.
Distr.: Zhejiang, Jiangsu, Taiwan.
Host: *Cinnamomum camphora*, *Citrus*, *Ficus*, *Maesa tenera*, *Osmanthus fragrans*, *Stauntonia hexaphylla*, *Viburnum odoratissimum*.

812. ***Octaspidiotus yunnanensis* (Tang and Chu, 1983)**
Acta Zootaxonomia Sinica 8 (3): 304.
Distr.: Yunnan.

Host: *Pinus* (*Keteleeria evelyniana*).

232. Genus *Odonaspis* Leonardi, 1897

Odonaspis Leonardi, 1897, Riv. di Patol. Veg. (Nov. 1896-Feb. 1897) 5: 286. Type species: *Aspidiotus secretus* Cockerell, 1896. Syn.: *Apatheaspis* Leonardi, 1897; *Bakeraspis* MacGillivray, 1921; *Dycryptaspis* Leonardi, 1897; *Ligulaspis* MacGillivray, 1921; *Spatheaspis* Leonatrdi, 1897.

813. *Odonaspis arcusnotata* Ben-Dov, 1988

U. S. D. A. Tech. Bull. 1723: 35.
Distr.: Taiwan, Japan.
Host: *Bambusa*.

814. *Odonaspis greeni* (Cockerell, 1902)

Ann. Mag. Nat. Hist. 9: 25, *Odonaspis secretus* var. *greeni*.
Distr.: Ningxia, Hubei, Fujian.
Host: *Arundinaria*.

815. *Odonaspis lingnani* Ferris, 1955

Microentomology 20: 33, fig.
Distr.: Guangdong.
Host: *Bambusa*.

816. *Odonaspis saccharicaulis* (Zehntner, 1897)

Java Meded (n. S.) 39: 1, *Aspidiotus*.
Distr.: Hainan.
Host: *Sinocalamus affinis*.

817. *Odonaspis secreta* (Cockerell, 1890)

Psyche 7, suppl. 1: 2, *Aspidiotus*.
Syn.: *Aspidiotus secretus* var. *lobulata* Maskell, 1897.
Distr.: Jiangsu, Zhejiang, Taiwan, Hunan, Yunnan, Guangdong, Xizang. India, Burma, Sri Lanka, America, Cuba, Former USSR, Japan, France.
Host: *Bambusa stenostachya*, *Miscanthus* sp.

818. *Odonaspis siamensis* (Takahasi, 1942)

Formosa Goovt> Agr. Res. Inst. Rept 81: 50, *Froggattiela*.
Distr.: Fujian, Taiwan, Guangdong. Thailand, Philippines.
Host: Sasa.

233. Genus *Pallulaspis* Ferris, 1937

Pallulaspis Ferris, 1937, Atlas of the Scalle Insects of Nooorth Amrica (ser. 1) [v. 1.]: S1-82, Thpe species: *Pullulaspis ephedrae* Ferris, 1937.

819. *Pallulaspis rhamnicola* Tang, 1988

Observation of scale insect infestation of Inner Mongolia; 146.
Distr.: Inner Mongolia.
Host: *Rhamnus erythroxylno*, *R. leptophylla*.

234. Genus *Parainsulas*pis Borchenius, 1963

Parainsulaspis Booorchsenius, 1963, Zool. Zhur. 42: 1162. Type species: *Mytilaspis cocculi* Green, 1896.

820. *Parainsulaspis euryae* (Kuwana, 1902)

Proc. Calif. Acad. Sci. (3) III: 80, *Mytilaspis*.
Distr.: Yunnan, Guangdong. Japan, Vietnam.

821. *Parainsulaspis glaucae* (Takahashi, 1932)
J. Soc. Trop. Agric. Formosa: 4: 47, *Lepidosaphes*.
Distr: Taiwan.
Host: *Cyclobalanopsis glauca*; *Kandelia candel (rheedii)*, *Scolopia olhamii*.

822. *Parainsulaspis keteleeriae* (Ferris, 1958)
Microentomology 18: 61, figs., *Lepidosaphes*.
Distr.: Yunnan.
Host: *Keteleeria*.

823. *Parainsulaspis laterchitinosa* (Green, 1925)
Ent. Mon. Mag. 41: 41, *Lepidosaphes*.
Syn.: *Lepidosaphes kamakurensis* Kuwana, 1925; *L. bladhiae* Takahashi, 1931.
Distr.: Taiwan, Hainan, Yunnan.
Host: *Ardisia japonica*, *Castanea*, *Smilax glabra*, *Ternstroemia gymnanthera*.

824. *Parainsulaspis leei* (Takagi, 1970)
Insecta Matsumurana 33: 18, *Lepidosaphes*.
Distr.: Taiwan.
Host: *Ilex formosana*, *Symplocos caudata*, *Viburnum dilatatum*.

825. *Parainsulaspis okitsuensis* (Kuwana, 1925)
Tech. Bull. Dep. Fin. Japan Imp. Plant Quarnt. Serv. 2, 3: 3 *Lepidosaphes*.
Distr.: Beijing, Shandong.
Host: *Abies*.

826. *Parainsulaspis piniphila* (Borchsenius, 1958)
Acta Entomologica Sinica 8: 171, 176, fig., *Lepidosaaphes piniphilus*.
Distr.: Jiangsu, Jiangxi, Guangdong, Maco.
Host: *Pinus thunbergii*, *P. massoniana*, *Podocarpus macrophyllus* var. *makaii*.

827. *Parainsulaspis pitysophila* (Takagi, 1970)
Insecta Matsumurana 33: 16, *Lepidosaphes*.
Distr.: Taiwan, Zhejiang, Jiangsu, Guangdong, Guangxi. Japan.
Host: *Pinus*.

235. Genus *Paralepidosaphes* Borchsenius, 1962

Paralepidosaphe Borchsenius, 1962, Ent. Obozr.41: 863-864. Type species: *Paralepidosaphe coreana* Borchsenius, 1962.

828. *Paralepidosaphes coreana* Borchsenius 1962
Ent. Obozr 41: 865, 870, figs.
Syn.: *Paralepidosaphes ulmicola* Xu, 1981.
Distr.: Liaoning. Korea.
Host: *Acer*, *Glebitschia sinensis*, *Malus pumila*, *Rosa*, *Syringa*, *Ulmus*, *Zanthoxylum simulans*.

829. *Paralepidosaphes meliae* Tang, 1987
Horticuilture and Forest Scale Insects of China III: 60.
Distr.: Guangdong.
Host: *Melia*.

830. *Paralepidosaphes tubulorum* (Ferris, 1921)
Bull. Ent. Res. 12: 216, *Lepidosaphes*..
Distr.: Jiangsu, Hebei, Zhejiang, Fujian, Taiwan, Guangdong, Hunan, Guangxi, Guizhou,

Yunnan, Sichuan. Japan, Korea.
Host: *Camellia sinensis*, *C. oleifera*, *Salix*.

236. Genus *Parlagena* MacKenzie, 1945

Parlagena MacKenzie, 1945, Microentomology 10: 81. Type species: *Parlagena inops* MacKenzie, 1945 = *Gymnaspis buxi* Takahshi, 1936.

831. *Parlagena buxi* (Takahashi, 1936)
Peking Nat. Hist. Bull. 10: 220, *Gymnaspis*.
Syn: *Parlagena inops* Mckenzi, 1945
Distr.: Shanxi, Jiangsu, Hobei.
Host: *Buxus*.

237. Genus *Parlatoreopsis* Lindinger, 1912

Parlatoreopsis Lindinger, 1912, Die Schildlause : 14, 191. Type species: *Chionaspis longispina* Newstead, 1911. Syn.: *Anatolaspis* Bodenheimer, 1909.

832. *Parlatoreopsis acericola* Tang, 1991
Acta Entomol Sin 34(4): 461.
Distr.: Shanxi.
Host: *Acer negunde*.

833. *Parlatoreopsis chinensis* (Marlatt, 1908)
U. S.D. A. Bur. Ent. Tech. Ser. 16: 30, *Parlatoria*
Distr.: Lioaning, Hebei, Shandong, Shanxi, Taiwan, Guangdong.

834. *Parlatoreopsis pyri* (Marlatt, 1908)
U. S. D. A. Bur. Ent. Tech. Ser. 16: 29, *Parlatoria*.
Distr.: Inner Mongolia, Hebei, Shandong, Jiangsu, Zhejiang, Fujian.
Host: *Malus pumila*.

238. Genus *Parlatoria* Targioni - Tozzetti, 1868

Parlatoria Targioni- Tozzetti, 1868, (separate) Soc. Ital. di Sci. Nat. Atti 11: 42: 1869, 11: 735; Signoret, 1869, Soc. Ent. e France Ann. (ser. 4) 9: 99, 450. Type species: *Aspidiotus proteu* Curtis 1843. Syn.: *Apteronia* Berlese, 1896; *Archangelskaia* Borchsenius, 1951; *Euparatoria* Leonardi, 1904; *Paratorea* Lindinger, 1905; *Websteriella* Leonardi, 1900.

835. *Parlatoria acalcarata* McKenzie, 1960
Bull. Dept. Agr. Calif. 49: 211.
Distr.: Fujian, Guangdong, Hongkong.
Host: *Clausena lansium*, *Microdesmis*, *Phellodendron chinensis*.

836. *Parlatoria arengae* Takagi, 1969
Insecta Matsumurana 32: 36.
Distr.: Taiwan.
Host: *Arenga engleri*, *Murraya exotica*.

837. *Parlatoria bambusae* Tang, 1984
Horticulture an Forest Scale Insects of China II: 78.
Distr. Anhui.
Host: *Bambusa* sp. *Smilax* sp.

838. *Parlatoria camelliae* Comstock, 1883
2nd Rept. Dept. Ent. Cornell Univ. Agric. Expt. Sta. 2: 114, *Parlatoria pergandei* var.

camelliae Bellio, 1929

Distr.: Inner Mongolia, Zhejiang, Jiangxi, Taiwan, Fujian, Guangdong, Yunnan. Japan, cosmopolitan.

Host: *Camellia japonica*, *Camellia oleifera*, *Cinnamomum camphora*, *Diospyros*, *Ficus*, *Phoebe*, *Rhododendron*.

839. *Parlatoria cinerea* Doane and Hadden, 1909

Can. Ent. 41: 299.

Syn.: *Parlatoria fluggeae* var. *braziliensis de* Coosta Lima, 1934; *Parlatoria pseudopyri* Kuwàna & Muramatsu, 1932.

Distr.: Taiwan, Guangdong, Hainan. Indochina, Japan, N. America, Mexico, Caribbean Islands.

Host: *Citrus*, *Jasminum sambac*.

840. *Parlatoria cinnamomicola* Tang, 1984

Horticulture and Forest scale Insects of China II: 81.

Distr.: Fujian.

Host: *Buxus microphylla*, *Cinnamomum pudmaculacum*.

841. *Parlatoria crotonis* Douglas, 1887

Ent. Mon. Mag. 23: 242, *Parlatoria proteus* var. *crotonis*.

Distr.: Taiwan.

Host: *Dendrobum moschatum*, *Ficus armentosa var. henryi*; *Illiicium philippinese*.

842. *Parlatoria cupressi* Ferris, 1953

Microentomology 18: 61, figs.

Syn.: *Parlatoria thujae* Takagi and Kawai, 1966.

Distr; Liaoning, Shanxi, Bejing, Yunnan, GUangxi. Japan.

Host: *Cupressus ducluosiana*, *Thuja orientalis*.

843. *Parlatoria desolator* McKenzie, 1960

Bull. Dep. Agr. Calif. 49: 206.

Distr.: Fujian, Hongkong. New Lealand.

Host: *Malus pumila*, *Malus spectabilis*, *Prunus persica*, *Pyrus*.

844. *Parlatoria emeiensis* Tang, 1984

Horticulture and Forest Scale Insects of China II: 93, fig.

Distr.: Sichuan.

Host: Rosaceae.

845. *Parlatoria fluggeae* Hall, 1929

Bull. Ent. Res. 20: 359.

Distr.: Taiwan.

Host: *Boehmeria densiflora*.

846. *Parlatoria hydnocarpus* Hu, 1986

Contr. Shanghai Inst. Entomol. 6: 221.

Distr.: Hainan.

Host: *Hydnocarpus hainanensis*.

847. *Parlatoria keteleericola* Tang and Chu, 1983

Horticulture and Forest Scale Insects of China II: 91, fig.
(=Acta Zootaxonomic Sinica 8 (3): 301)

Distr.: Yunnan.

Host: *Keteleeria evelyniana*

848. *Parlatoria lithocarpi* Takahashi, 1935.

Dept. Agric. Res. Inst. Formosa Rept. 66: 29, fig.

Distr.: Taiwan.

Host: *Dysoxylum*, *Lithocarpus* sp.

849. *Parlatoria liriopicola* Tang, 1984

Horticulture and Forest Scale Insects of China II: 78, fig.
Distr.: Zhejiang.
Host: *Liriope* sp., *Orchis* sp.

850. *Parlatoria machili* Takahashi, 1931

Bull. Ent. Res. 22: 218.
Distr.: Taiwan.
Host: *Machilus japonica*.

851. *Parlatoria machilicola* Takahashi, 1933

Dept. Agric. Res. Inst. Formosa Rept. 60: 52, figs.
Distr.: Taiwan.
Host: *Machilus* sp; *M. kusano*.

852. *Parlatoria multipori* McKenzie, 1945

Microentomology 10: 66.

853. *Parlatoria mytilaspiformis* Green, 1899

Coccidae of Ceylon 2: 104, pl. 58.
Distr.: Taiwan.
Host: *Camellia japonica*, *Citrus* spp.

854. *Parlatoria oleae* (Clove, 1880)

Gac. Agr. Min. Fom. Madrd. 14: 40, *Diaspis*.
Syn.: *Diaspis squamosus* Newstead, and Theobald, 1904; *Parlatoria affini* Newstead, 1897; *Parlatoria caliantihiman* Berlese and Leonardi, 1896; *Parlatoria judaica* Bodenheimer, 1924; *P. morrisoni* Bodenheimer, 1944; *Parlatoria obicularis* Targioni - Tozzetti, 1868; *Parlatoria oleae* (Clove, 1880).
Distr.: Shaanxi, Xinjiang.

855. *Parlatoria pergandei* Comstock,1881

Rept. U. S. D. A. for 1880: 327.
Syn.: *Parlatoria sinensis* Maskell, 1897.
Distr.: Inner Mongolia, Bejing, Hubei, Jiangxi, Fujian, Guangdong, Hongkong, Jiangsu, Hunnan, Shandong, Zhejiang, Taiwan, Guangxi, Sichuan, Yunnan, Qinghai, Xizang. India, Former USSR, America, Spain, France, Switzerland, Demark, Turkey, Iraq, Australia, S. America.
Host: *Camellia sinensis*, *C. japonica*, *Cinnamomum cassia*, *Citrus* spp., *Cymbidium sinensis*, *Eurya* sp., *Ficus foveolata*, *F. retusa*, *Osmanthus fragrans*, *Pandanus tecoruis*, *Photinia*, *Scolopia oldhamii*.

856. *Parlatoria pini* Tang, 1984

Horticulture and Forest Scale Insects of China II: 91, fig.
Distr.: Hebei.
Host: *Pinus tabulaeformis*.

857. *Parlatoria pinicola* Tang, 1984

Horticulture and Forest Scale Insects of ChinaII: 93, fig.
Distr.: Zhejian.
Host: *Pinus armandii*.

858. *Parlatoria piniphila* Tang, 1984

Horticulture and Forest Scale Insects of China II: 81, fig.
Distr.: Yunnan.
Host: *Pinus* sp.

859. *Parlatoria proteus* (Curtis, 1843)

Gard. Chron: 676, *Aspidiotus*.

Syn.: *Diaspis parlatoris* Targioni-Tozzetti, 1867; *Parlatoria orbicularis* Targioni-Tozzetti, 1868; *P. selenipedii* Signoret, 1869.

Distr.: Jiangxi, Fujian, Zhejiang, Taiwan, Guangdong, Hongkong, Hunan, Yunnan, Sichuan. India, Indonesia, Philippines, Sri Lamka, Malaysia, Japan, Fraance, Italy, England, Panama, Mexico, Guiana, Bolivia, Venezuela, Belgium.

Host: *Areca cathecu*, *Camellia*, *Chrysolidocarpus lutescens*, *Citrus*, *Diospyros*, *Ficus*, *Hedera*, *Litsea*, *Machilus*, *Macrozamia*, *Malus pumila*, *Mangifera indica*, *Musa*, *Myrtus*, *Osmanthus fragrans*, *Pinus*, *Pinus indignis*, *Prunus persica*, *Quercus*, *Selenipedium*, *Vitis vinifera*.

860. *Parlatoria stigamadisulosa* Bellio 1929

Boll. Lab. Zool. Portici 22: 240, fig.

Distr.: Yunnan.

Host.: *Graminae*.

861. *Parlatoria theae* Cockerell, 1896

Psyche 7: suppl. 1: 21.

Syn.: *Parlatoria pergandei* var. *dives* Bellio, 1929; *Parlatoria theae. var. euonymi* Cockerell, 1887; *P. theae* var. *viridis* Cockerell, 1896;

Distr.: Taiwan, Guangd0ng, Ningxia.

Host: *Hibiscus syriacus*, *Rhapis humulis*, *Trachodendron aralioides*.

862. *Parlatoria virescens* Maskell, 1897

Trans. N. Z. Inst. 29: 300, *Parlatoria proteus* var. *virescens*.

Distr.: Zhejiang, Fujian, Taiwan, Guangdong, Macao. Japan.

Host: *Camellia japonica*, *Myrtus*, *Prunus*, *Pyrus sinensis*.

863. *Parlatoria yangyuanensis* Tang, 1984

Horticulture and Forest Scale Insects of China II: 84.

Distr.: Sichuan.

Host: *Malus pumila*.

864. *Parlatoria yunnanensis* Ferris, 1950

Micxroentomology 15: 76, fig.

Distr.: Yunnan.

Host: *Pistacia chinensis*, *Rhamnus davrica*.

865. *Parlatoria ziziphi* (Lucas, 1853)

Ann. Soc. Ent. France 3: 1: 29, *Coccus*.

Syn.: *Chermes aurantii* Boisduval, 1867; *Parlatoria lucassi* Targioni, 1868; *P. ziziphe* Osborn, 1898; *P. ziziphus* Cockerell, 1900; *P. zozypium* Froggatt, 1914.

Distr.: Bejing, Jiangsu, Zhejiang, Fujian, Taiwan, Guangdong, Hongkong, Jiangxi, Hainan, Guangxi, Hunan, Sichuan, Yunnan. India, Sri Lanka, Japan, Former USSR, Europe, Spain, France, Italy, Swizerland, Morocco, Turkey, Algeria, Africa, Australia, Hawaii.

Host: *Citrus*, *Codiaeum*, *Cymbidium*, *Damnocanthus*, *Ligustrum*, *Poncirus trifolia*, *Ziziphus pimachristi*.

239. Genus *Phenacaspis* Cooley and Cockerell, 1899

Phenacaspis Cooley and Cockerell, 1899, in Cockerell, Ill. Nat. Hist. Survey Bul. 5: 398; Cooley, 1903, Canad. Ent. 35: 48. Type species: *Chionaspkis nyssae* Comstock, 1881.

866. *Phenacaspis abbrideliae* Chen, 1983

Chionaspidini from China: 66, fig. 53.

Distr.: Yunnan.

867. *Phenacaspis asteri* Takahashi, 1932
J. Soc. Trop. agric. Formosa 4: 43, figs.
Distr.: Taiwan.
Host: *Aster laurureanus.*

868. *Phenacaspis camelliae* Chen, 1983
Chionaspidini from China; 67, fig. 54.
Distr.: Yunnan.
Host: *Camellia japonica.*

869. *Phenacaspis ericacea* Ferris, 1953
Microentomology 18: 63.
Distr.: Guangdong, Yunnan.
Host: *Citrus, Osmanthus, Rhododendron.*

870. *Phenacaspis frutescens* Hu, 1986
Contr. Shanghai Inst. Entomol. 6: 217.
Distr.: Hainan.
Host: *Henslowia frutescens.*

871. *Phenacaspis gengmaensis* Chen, 1983
Chionaspidini from China: 75, fig. 61.
Distr.: Yunnan.
Host: *Populus.*

872. *Phenacaspis kentiae* Kuwana, 1931
Sci. Bull. Ministr. Agric. Forest Japan 2: 10, figs.
Diistr.: Jiangxi.
Host: *Camellia sinensis, Trachycarpus fortunei.*

873. *Phenacaspis latisoma* Chen, 1983
Chionaspidini from China: 75, fig. 62.
Distr.: Yunnan.
Host: *Populus* sp.

874. *Phenacaspis litseae* (Green, 1896)
Ind. Mus. Notes 4: 3, *Chionaspis.*
Distr.: Jiangxi.
Host: *Bambusa, Citrus, Cymdidium, Ficus carica.*

875. *Phenacaspis subrotunda* Chen, 1983
Chionaspidini from China: 81, fig. 69.
Distr.: Sichuan.
Host: *Fagaceae.*

876. *Phenacaspis subrhombica* Chen 1983
Chionaspidini from China: 82: fig. 70.
Distr.: Fujian.
Host: *Fagaceae*

877. *Phenacaspis trochodendri* Takahashi, 1936
Mushi 9: 4, fig.
Distr.: Taiwan.
Host: *Trochodendron aralioides.*

240. Genus *Pinnaspis* Cockerell, 1892

Pinnaspis Cockerell, 1892, Inst. Jamaica Jour. 1: 136. Type species: (*Mytilaspis pandani* Comstock, 1881) = *Aspidioptus buxi* Bouche, 1851 Syn.: *Hemichionaspis* Cockerell,

1897; *Jaapia* Lindingber, 1914; *Lepidosaphidis* MacGillivray, 1921; *Queraspis* Fertris, 1937.

878. *Pinnaspis aspidistrae* (Signoret, 1869)

Ann. Ent. Soc. Fr. (4), 9: 443, *Chinoaspis*.

Syn.: *Chionaspis brasiliensis* Signoret, 1869; *C, latus* Cockerell, 1896; *Pinnaspis. muntigii* Takagi, 1965; *Pinnaspis ophiopogonis* Takahashi, 1952.

Distr.: Shanxi, Shandong, Hubei, Zhejiang, Fujian, Taiwan, Guangdong, Inner Mongolia Japan.

Host: *Cinnamomum Citrus, Cymbidium, Mangifera indica.*

879. *Pinnaspis aspidistrae yunnanensis* Chen, 1983

Chionaspidini from China: 20, fig. 12.

Distr.: Yunnan.

880. *Pinnaspis buxi* (Bouche, 1851)

Ent. Zeitg. Stettin 12: 111, *Aspidiotus*.

Syn.: *Fiorinia pandamiana* Del Guercio, 1894; *Hemiberlesia pseudaspidistrae* Green, 1916; *Mytilaspis pandani* Comstock, 1881; *Pinnaspis bambusae* Cockerell, 1893; *P. pandani* var. *alba* Cockerell, 1894; *P. siphonodontis* Cockerell and Robinson, 1915.

Distr.: Shandong, Fujian, Taiwan, Sichuan, Yunnan, NW China.

Europe, America, Jamaica, Trinida, Japan.

Host: *Areca lutescens, Anthurium crystallinum, Buxus sempervirens, Dictyosperma album, Pandanus conideus, Photos seemanii, Theobroma cacao, Thrinax excelsa.*

881. *Pinnaspis exercitata* (Green, 1896)

Ind. Mus. Notes 4:3, *Chionaspis*.

Syn.: *Chionaspis ceylonica* Ferris and Rao, 1947; *Pinnaspis awninghamia* Ferris and Rao, 1947.

Distr.: Hainan, Zhejiang, Fujian.

Host: *Mirabilis, Piper nigrum, Thea sinensis.*

882. *Pinnaspis frontalis* Takagi, 1970

Insecta Matsumurana 33 (1): 115.

Distr.: Taiwan.

Host: *Eurya japonica.*

883. *Pinnaspis hainnanensis* Tang, 1986

Horticulture and Forest Scale Insets of China III: 231.

Distr.: Hainan.

Host: *Euphorbiaceae.*

884. *Pinnaspis hibisci* Takagi, 1970

Insecta Matsumurana 33: (1): 113.

Distr.: Taiwan. Japan.

Host: *Boehmeria, Hibiscus taiwanensis.*

885. *Pinnaspis hikosana* Takagi, 1961

Insecta Matsumurana 24: 73, figs.

Distr.: Hainan. Japan.

Host: *Lannea coromandelica.*

886. *Pinnaspis indivisa* Ferris, 1950

Microentomology 15: 76.

Distr.: Yunnan.

887. *Pinnaspis juniperi* Takahashi, 1956
Annot. Zool. Japan 29: 57, figs.
Distr.: Jiangxi. Zhejiang.

888. *Pinnaspis liui* Takagi, 1970
Insecta Matsumurana 33: 110.
Distr.: Taiwan.
Host: *Adinandra lasiostyla*, *Albizzia slipulata*, *Capsicum*, *Cycas revoluta*, *Eurya acuminata*, *Hibiscus*, *Melia azedarach*, *Pelargonium*, *Rhiponum scandens*.

889. *Pinnaspis shirozui* Takagi, 1970
Insecta Marsumurana 33: 111.
Distr. Taiwan.
Host: *Ficus cuspidatocauda*.

890. *Pinnaspis strachani* (Cooley, 1899)
Spec. Bull. Exp.Sta. Massachusetts Agr. Coll. 45: 54,
Hemichionaspis minor strachani.
Syn.: *Chionaspis* (*H.*) *aspidistrae* var. *gossypii* Newstead, 1906; *Hemichionaspis marchali* Cockerell, 1902; *Hemichionaspis proxima* Leonardi, 1914; *H. townsendi* Cockerell, 1905; *Pinnaspis gossypii* Hall, 1946; *Pinnaspis temporaria* Ferris, 1942;
Distr.: Taiwan, Hainan.
Host: *Artocarpus heterophyllus*, *Pouteria obavata*, *Punica granatum*.

891. *Pinnaspis theae* (Maskell, 1891)
Ind. Mus. Notes 2: 60, *Chionaspis aspidistrae* var. theae.
Syn.: *Aulacaspis pentagona theae* Fernald, 1903; *Chionasspis aspidistrae* var. *theae* Maskell, 1897; *C. prunicola* var. theae Maskell, 1896; *C. separata* Green, 1900;
Distr.: Anhui, Zhejiang, Jiangsu, Fujian, Taiwan, Guangdong, Yunnan, Hainan, Hunan, Hubei, Guangxi, Sichuan. India, Sikkim.
Host: *Camellia japonica*, *Camellia sinensis*.

892. *Pinnaspis tuberculatus* Tang, 1986
Horticulture and Forest Scale Insectsof China III: 233.
Distr.: Yunnan.
Host: *Kalidium gracile*, *Magnolia* sp., *Thea sinensis*.

893. *Pinnaspis uniloba* (Kuwana, 1909)
J. N. Y. Ent.Soc. 17: 156, *Mytilaspis*.
Syn.: *Pinnaspis simplex* Ferris, 1921..
Distr.: Fujian, Taiwan, Jiangxi, Guizhou, Yunnan. India, Japan, Hawaii.
Host: *Camellia japonica*, *Eurya japonica*, *Osmanthus fragrans*.

894. *Pinnaspis yamamotoi* Takagi, 1965
Kontyu 33: 448, fig.

241. Genus *Prodiaspis* Young, 1984

Prodiaspis Young, 1984, Contr. Shanghai Inst. Entomol. 4: 211. Type species: *Prodiaspis tamaricicola* Young, 1984.

895. *Prodiaspis tamaricicola* Young, 1984
Contr. Shanghal Inst.Entomol. 4: 211.
Distr. Ningxia.
Host: Tamarix chinensis.

242. Genus *Protancepaspis* Borchsenius and Bustshik, 1959

Protancepaspis Borchsenius and Bustshik, 1959, Ent. Obozr. 37: 160. Type species: *Protancepaspis bidentata*, 1958.

896. *Protancepaspis bidentata* Borchsenius & Bustshik, 1959

Ent. Obozr. 38: 161, 162.
Distr.: Sichuan
Host: *Rosaceae*.

243. Genus *Pseudaonidia* Cockerell, 1897

Pseudaonidia Cockerell, 1897, U.S. Dept.Agr., Div. Ent., Tech. Ser. 6: 14. Type species: *Aspiodiotus duplex* Cockerell, 1896. Syn; *Pseudaonidiella* MacGillivray, 1921.

897. *Pseudaonidia duplex* (Cockerell, 1896)

Psyche 7, suppl. 1: 20, *Aspidiotus*.
Syn.: *Aspidiotus theae* Maskell nec Green 1900; *Pseudaonidia rhododendri* Fernald, 1903; *P. r. thearum* Fernald, 1903; *P. trilobitiformis* Borchsenius, 1935 *nec* Green.
Distr.: Beijing, Hubei, Anhui, Jiangsu, Zhejiang, Jiangxi, Taiwan, Guangdong, Guangxi, Guizhou, Hunan, Sichuan, Yunnan, Xizang. India, Japan, Hawaii, America, Former USSR, Argentina.
Host: *Azalea, Camellia fuscata, C. sinensis, Cinnamomum camphora, Citrus, Diospyros kaki, Eurya ochrocea, Ficus carica, Michelia figo, Myrica rubra, Olea fragrans, Quercus, Rhododendron, Rhus succedanea, Rosa, Vitis vinifera.*

898. *Pseudaonidia paeoniae* (Cockerell, 1899)

Canad. Ent. 31: 105, *Aspidiotus duplex* var. *paeoniae*.
Distr.: Jiangxi, Yunnan. Japan, Former USSR, Italy, California.
Host: *Camellia japonica, Ilex latifolia, Rhododendron, Paeonia suffruticosa.*

899. *Pseudaonidia trilobitiformis* (Green. 1896)

Ind. Mus. Notes 4: 4, *Aspidiotus*.
Syn.: *Aspidiotus darutyi* Charmoy, 1896.
Distr.: Zhejiang, Fujian, Taiwan, Jiangxi, Guangdong, Hainan, Guangxi, Macao, Sichuan, Yunnan, India, Indonesia, Vietnam, Burma, Malaysia, Borneo, Japan, Philippines, Caribbean Islands, S. America, Africa.
Host: *Artocarpus, heterophyllus, Bischofia javania; Camellia japonica, Citrus, Dalbergia championii, Ficus scandens, Murraya paniculata, Myrtaceae, Phoebe, Quercus,*

244. Genus *Pseudaulacaspis* MacGillivray, 1921

Pseudaulacaspis MacGillivray, 1921, The Coccidae: 305. Typespecies: *Aulacaspis pentagona* Targioni - Tozzetti, 1880. Syn.: *Euvoraspis* Mamet, 1951; *Sasakiaspis* Kuwana, 1926.

900. *Pseudaulacaspis brideliae* (Takahashi, 1933)

Dept. Agric. Res. Inst. Formosa Rept. 60: 43, *Chionaspis*
Distr.: Taiwan.
Host: *Bridelia*.

901. *Pseudaulacaspis canarium* Hu, 1986

Contr. Shanghai Inst. Entomol. 6: 220.
Distr.: Hainan.

Host: *Canarium album*.

902. *Pseudaulacaspis celtis* (Kuwana, 1928)

Sci. Bull. Min. Agric. For. Tokyo 1: 8, *Chionaspis*.

Distr.: Yunnan, Zhejiang, Anhui.

Host: *Celtis*.

903. *Pseudaulacspis cockerelli* (Cooley, 1897)

Can. Ent. 29 : 278, *Chionaspis*.

Syn.: *Chionaspis akebiae* Takahashi, 1952; *Chionaspis aucubae* Cooley, 1897; *C. dilata* Green, 1898; *C. hattorii* Kanda, 1941; *Chionaspis miyakoensis* Kuwana, 1931; *Ch. syringae* Borchsenius, 1938; *Phenacaspsi eugeniae* Ferris, 1921; *Ph. eugeniae* var. *sandwicensis* Fullaway, 1932; *Ph. ferrisi* Mamet, 1959; *Ph. natalensis* Cockerell, 1902; *Pseudaulacaspis biformis* Takagi, 1956.

Distr.: Taiwan, Zhejiang, Jiangxi, Hubei, Yunnan. Inner Mongolia, Former USSR Korea, Japan, E. Asia, America, Australia, S.Africa, Madacascar.

Host: *Camellia oleifera*, *C. sinensis*, *Michelia figo*.

904 *Pseudaulacaspis dendrobii* Kuwana, 1931

Dobutszasshi 43: 657, figs.

Distr. Guangdong, Hongkong, Yunnan.

Host: *Camellia japonica*, *Trachycarpus fortunnei*.

905. *Pseudaulacaspis dryina* (Ferris, 1953)

Microentomology 18: 63, *Phenacaspis*.

Distr.: Yunnan.

Host: *Quercus*.

906. *Pseudaulacaspis eucalypticola* Tang, 1986

Horticulture and Forest Scale Insects of China III: 164.

Distr.: Sichuan.

Host: *Eucalyptus rostrata*.

907. *Pseudaulacaspis ficicola* Tang, 1986

Horticulture and Forest Scale Insects of China III: 148.

Distr.: Guangdong.

Host: *Celtis sinensis*, *Ficus retusca*.

908. *Pseudaulacaspis hainanensis* Hu, 1985

Contr. Shanghai Entomol. Innnnnst. 5: 263.

Distr.: Yunnan.

Host: *Fagaceae*

909. *Pseudaulacaspis hwangyensis* Chen, 1937

Ent. & Phyopathology 5 (19): 384.

Distr.: Zhejiang.

910. *Pseudaulacaspis jambosicola* Tang, 1986

Horticulture and Forest Scale Insects of China III: 160, fig. 63

Distr.: Guangdong.

Host: *Syzygium*.

911. *Pseudaulacaspis kiushiuensis* (Kuwana, 1901)

J. Ent.Soc. New York 17: 155,pl. 9, figs. 34-37, *Chionaspis*.

Syn.: *Chionaspis kuwanai* Takahashi, 1953; *Phenacspis quercus* Kuwana, 1931; *Pseudaulacaspis saitamensis* Ferris, 1955.

Distr.: Taiwan, Zhejiang.

Host: *Castanea*, *Quercus*.

912. *Pseudaulacaspis lonicerae* Tang, 1986

Horticulture and Forest Scale Insects of China III: 152.
Distr.: Zhejiang.
Host: *Lonicera japonica.*

913. *Pseudaulacaspis manni* (Green, 1907)
Mem. Dept. Agric. India Ent. Ser. 1: 344, *Chionaspis.*
Syn.: *Diaspis gordoniae* Takahashi, 1931.
Distr.: Taiwan.
Host: *Gordonia anomala.*

914. *Pseudaulacaspis megacauda* Takagi, 1970
Insecta Matsumurana 33: 48.
Distr.: Taiwan, Fujian, Yunnan.
Host: *Acacia, Cedrelea, Eurya acuminata, Salix, Syringa.*

915. *Pseudaulacaspis mirabilis* Hu, 1986
Contr. Shanghai Inst. Entomol. 6: 219.
Distr.: Hainan.
Host: *Bixa.*

916. *Pseudaulacaspis momi* (Kuwana, 1931)
Sci. Bull. Inst. Agric. For. 2: 9, fig., *Phenacaspis.*
Syn.: *Phenacaspis ketelerriae* Ferris, 1953.
Distr. Yunnan.
Host: *Keteleeria daiana, K. evebyniana, K. fortunei.*

917. *Pseudaulacaspis osmanthi* (Ferris, 1953)
Microentomology 18: 64, Phenacaspis.
Distr.: Taiwan.
Host: *Osmanthus.*

918. *Pseudaulacaspis pentagona* (Targioni -Tozzetti, 1886)
Revista Bacchicoltura 18 (1885): 1, *Diaspis.*
Syn.: *Chionaspis prunicola* Maskell, 1854; *Diaspis amygdali* Tryon, 1889; *D. amygdali* var. *rubra* Maskell, 1898; *D. gerannii* Maskell, 1896; *D. rubra* Scott, 1952;*D. lanatus* Cockerell, 1892; *D. pateliformis* Sasaki, 1895; *D. vitiensis* Maskell, 1896; *Aspidiotua auranticolor* Carnes, 1907;
Distr.: Jilin, Liaoning, Inner Mongolia, Shanxi, Shandong, Hebei, Gansu, Ningxia, Shaanxi, Hennan, Hebei, Jiangsu, Zhejiang, Jiangxi, Fujian, Taiwan, Guangdong, Hongkong, Guangxi, Hunan, Sichuan, Yunnan, Xizang, Xinjiang, Sri Lanka, Singapore, Japan, America, Hawaii ,Australia, Brazil, Panama, W. Indies, Italy, Holland, England, S. Africa, Mauritius.
Host: *Firmiana simplex, Morus alba, Populus, Prunus salicina, P. persica, Quercus.*

919. *Pseudaulacaspis poloosta* (Ferris, 1953)
Microentomology 18: 64, *Phenacaspis.*
Distr.: Yunnan.
Host: *Eurya* sp.

920. *Pseudaulacaspis pudica* (Ferris, 1953)
Microentomology 18: 65, *Phenacaspis.*
Distr.: Yunnan.
Host: *Quercus.*

921. *Pseudaulacaspis sasakawai* Takagi, 1970
Insecta Matsumurana. 33: 48.
Distr.:Taiwan.
Host: *Carica, Stauntonia heitaoensis, Symplocos lancifolia, S. stellaris.*

922. *Pseudaulacaspis syzygicola* Tang, 1986
Horticulture and Forest Scale Insects of China III: 161.
Distr.: Guangdong.
Host: *Syzygium jambos.*

923. *Pseudaulacaspis taiwana* (Takahashi, 1935)
Dept. Agric. Res. INst. Formosa Rep. 66: 17, *Phenacaspis.*
Distr.: Taiwan.
Host: *Quercus.*

924. *Pseudaulacaspis takahashii* (Ferris, 1955)
Microentomology 20: 52, figs, *Phenacaspis.*
Distr.: Taiwan.
Host.: *Diospyros discolor.*

245. Genus *Pseudochionaspis* Hu, 1985

Pseudochionaspis Hu, 1985, Contr. Shanghai Inst. Entomol. 5: 263. Type species: *Pseudochionaspis quercuss* Hu, 1985.

925. *Pseudochionaspis quercus* Hu, 1985
Contr. Shanghai Entomol. Inst. 5: 263.
Distr. Yunnan.
Host: *Quercus.*

246. Genus *Pygalataspis* Ferris, 1921

Pygalataspis Ferris, 1921, Bul. Ent. Res. 12: 218. Type species: *Pygalataspis miscanthi* Ferris, 1921.

926. *Pygalataspis miscanthi* Ferris, 1921
Bull. Ent. Res. 12: 218.
Distr.: Taiwan, Fujian, Guangdong, Hongkong.
Host: *Miscanthus sinensis.*

247. Genus *Quadraspidiotus* MacGillivray, 1921

Quadraspidiotus MacGillivray, 1921, The Coccidae: 388. Type species: *Aspidiotus ostraeaformis* Curtis, 1843. Syn.: *Comstockiaspis* MacGillivray, 1921; *Euraspidiotus* Tiem and Gerneck, 1934; *Forbesapis* MacGillivray, 1921; *Porbesaspis* MacGillivray, 1921.

927. *Quadraspidiotus cryptoxanthus*(Cockerell, 1900)
Psyche 9: 71, *Aspidiotus.*
Distr.: Shandong, Fujian. Japan.
Host: *Castanea, Quercus glandulifera, Pterocarpa.*

928. *Quadraspidiotus cryptus* Ferris, 1953
Microentomology 18, p.167, figs.
Distr.: Yunnan.
Host: *Juniperus chinensis.*

929. *Quadraspidiotus gigas* (Thiem and Gerneck, 1934)
N. Z. Trans. 11: 201, *Aspidiotus.*
Syn.: *Aspidiotus multiglandulatus* Borchsenius, 1935.
Distr.: Heilongjiang, Jilin, Inner Mongolia, Hebei, Shanxi, Hena, Xinjiang, Qinghai,

Jiangsu. Former USSR, Spain, France, Turkey.
Host: *Populus*, *Salix*.

930. *Quadraspidiotus liaoningense* Tang, 1984
Horticulture and Forest Scale Insects of China II: 65.
Distr.: Liaoning.
Host: *Populus*.

931. *Quadraspidiotus ostreaeformis* (Curtis, 1843)
Gard. Chron. 46; 805, *Aspidiotus*.
Syn.: *Aspidiotus betulae* Baeresprung, 1849; *A. hippocaastani* Signoret, 1869; *A. oblongus* Ferris, 1941; *A. o. var. oblongus* Goethe, 1899; *A. o. magnus*, Goethe, 1899; *A. oxycanthae* Signoret, 1869; *A. scutiformis* Goethe, 1899.
Distr.: Heilongjiang, Inner Mongolia, Shaanxi, Xinjiang, Anhui. Korea, Japan, Europe, N. America, Australia.
Host: *Acer*, *Alder*, *Calluna vulgaris*, *Crataegus*, *Linden*, *Malus pumila*, *Populus*.

932. *Quadraspidiotus perniciosus* (Comstock, 1881)
Rept. Ent. U. S. D. A 1880: 304, *Aspidiotus*.
Syn.: *Aonidia fusca* Maskell, 1895.
Distr: Heilongjiang, Liaoning, Hebei, Henan, Shandong, Shanxi, Shaanxi, Sichuan, Hunan, Yunnan, Guangdong, Jiangxi, Anhui, Zhejiang, Jiangsu. cosmopolitan.
Host: *Malus pumila*.

933. *Quadraspidiotus slavonicus* (Green, 1934)
Stylops 3: 95, fig., *Targioniaslavonica*.
Syn.: *Quadraspidiotus populi* Bobenheimer, 1943.
Distr.: Liaoning, Xinjiang, Gansu, Ningxia, Hebei, Shandong, Zhejiang, Inner Mongolia.
Host: *Malus pumila*, *Populus nigra* var. *thevesitina*, *Populus simonii*, *Pyrus*, *Rosa*, *Salix*.

934. *Quadraspidiotus ternstroemiae* Ferris, 1952
Microentomology 17: 9, fig.
Distr.: Yunnan.
Host: *Ternstroemia* sp.

248. Genus *Quernaspis* Ferris, 1937

Quernaspis Ferris, 1937, Atlas of the Scale Insects of North America (ser. 1) [v. 1]: SI-118.
Type species: *Chionaspkis quercus* Comstock, 1881.

935. *Quernaspis chilungensis* Takagi & Howell, 1977
Ins. Mats. (N.S.) 25: 52.
Distr.: China.

936. *Quernaspis tengjiensis* Hu, 1984
Contr. Shanghai Inst, Entomol. 4: 215
Syn: *Aulacaspis flacourtiae* Rutherford, 1914.
Distr.: Yunnan
Host: Shrub leaf.

249. Genus *Remotaspidiotus* MacGillivray, 1921

Remotaspidiotus MacGillivray, 1921, Thew Coccidae: 391. Type species: *Aspidiotus (Targionia) chenopodii* Marlatt, 1908.

937 *Remotaspidiotus bossieae* (Maskell, 1891)
Trans. N. Zealand Inst. 24: 10, *Aspidiotus*.

Host: *Bossiaea prostrata*

250. Genus *Rhizaspidiotus* MacGillivray, 1921

Rhizaspidioptus MacGillivray, 1921, The Coccidae: 290. Type species: (*Aspidiotus* (*Targionia*) *helianthi* Parrott, 1899) = *Aspidiotus dearnessi* Cockerell, 1898.

938. *Rhizaspidiotus amoiensis* Tang, 1984
Horticulture and Forest Scale Insects of China I: 14, fig.
Dist.: Fujian
Host: *Imperata* sp.

939. *Rhizaspidiotus canariensis* (Lindinger, 1911)
Jahrb. Hamb. Anst. 28, 3: 12, *Aspidiotus*
Distr.: Inner Mongolia
Host: *Artemisia gmelinii*

251. Genus *Rugaspidiotus* MacGillivray, 1921

Rugaspidiotus MacGillivray, 1921, The Coccidae: 393. Type species: *Diaspis arizonica* Cockerell, 1900.

940. *Rugaspidiotus communis* Hu, 1986
Contr. Shanghai Inst. Entomol. 6: 220
Distr.: Hainan
Host: *Phragmites communis*

252. Genus *Rutherfordia* MacGillivray, 1921

Rutherfordia MacGillivray, 1921, The Coccidae: 306. Type species: *Chionaspis malloti* Rutherford, 1914.

941. *Rutherfordia major* (Cockerell, 1894)
Ent. News 5: 43, *Aulacaspis*
Syn.: *Diaspis euphorbiae* Charmoy, 1899
Distr.: Taiwan
Host: *Scolopia oldhami*

942. *Rutherfordia malloti* Rutherford, 1914.
Bull. Ent. Res. 5: 263.
Syn.: *Tianquernaspis uniloba* Young, 1986
Distr. Yunnan
Host: Shrub.

253. Genus *Selenaspidus* Cockerell, 1897

Selenaspidus Cockerell, 1897, U.S. Dept. Agr., Div. Ent. Techn. Ser. 6:14, 13.. Type species: *Aspidiotus articulatus* Morgan, 1889. Syn.: *Selenaspis* Leonardi, 1898; *Selenaspidiotus* Tiem and Gorneck, 1934.

943. *Selenaspidus articulatus* (Morgan, 1889)
Ent. Mon. Mag. 25: 352, *Aspidiotus*
Distr.: Taiwan

944. *Selenaspidus rubidus* McKenzie, 1953
Bull. Calif. Dep. Agric. 42: 57, fig.

Host: *Euphorbia pekinensis*

254. Genus *Selenomphalus* Mamet, 1958

Selenomphalus Mamet, 1958, Mus. Ro. du Congo Belge [Tervuren] Ann. (n. S.) Sci. Zool. 4: 426. Type species: *Aspidiotus euryae* Takahashi, 1931.

945. *Selenomphalus euryae* (Takahashi, 1931)

J. Soc. Trop. Agr. Formosa 3: 383, *Aspidioptus*
Distr.: Taiwan, Zhejiang
Host: *Camellia sinensis*, *Eurya* sp.

255. Genus *Semelaspidus* MacGillivray, 1921

Semelaspidus MacGillivray, 1921, The Coccidae: 393. Type Species: (*Aspidiotus (Chrysomphalus) cistuloides* Green, 1905) = *Aspidioptus artocatrpi* Green, 1896.

946. *Semelaspidus mangiferae* Takahashi, 1939

Tenthredo 2: 341, figs.
Distr.: Taiwan. Philippines
Host: *Mangifera indica*

256. Genus *Semichionaspis* Tang, 1986

Semichionaspis Tang, 1986, Horticulture and Forest Scale Insects of China III: 170. Type species: *Chionaspis schizosoma* Takagi, 1970.

947. *Semichionaspis jambosicola* Tang, 1986

Horticulture and Forest Scale Insects of China III: 173, fig..
Distr.: Guangdong
Host: *Syzygium jambos*

948. *Semichionaspis putianensis* Tang, 1986

Horticulture and Forest Scale Insects of China III:175
Distr.: Fujian

949. *Semichionaspis schizosoma* (Takagi, 1970)

Insecta Matsumurana 70 (1) : 77, *Chionaspis*
Distr.: Taiwan, Hainan
Host: *Machilus japonica*, *M. kusanoi*, *M.* sp., *Phoebe*.

257. Genus *Serrachionaspis* Young, 1986

Serrachionaspis Young, 1986, Contr. Shanghai Inst. Entomol. 6: 203. Type species: *Serrachionaspis phragmitis* Young, 1986.

950. *Serrachionaspis phragmitis* Young, 1986

Contr. Shanghai Inst. Entomol. 203, 209.
Distr.: Yunnan.
Hosts: *Phragmites* sp.

258. Genus *Serrataspis* Ferris, 1955

Serrataspis Ferris, 1955, Microentomology 20: 31. Type species: *Serrataspis maculata* Ferris, 1955.

951. *Serrataspis maculata* Ferris, 1955
Microentomology 20: 31, fig.
Distr.: Guangdong, Hongkong
Host: *Syzygium kwangtungensis*.

259. Genus *Shanaspis* Tang, 1981

Shansiaspis Tang, 1981 Entomotaxonomia 3: 49, Type species: *Shansiaspis sinensis* Tang, 1981.

952. *Shansiaspis ovalis* Chen, 1983
Chionaspidini from China: 83, fig. 71
Syn.: *Chionaspis engeddensis* Borchsenius, 1924
Distr.: Ningxia
Host: *Tamarix*.

953. *Shansiaspis sinensis* Tang, 1981
Acta Entomologica Sinica 3 (1): 49
Syn.: *Shansiaspis salicis* Chen, 1983
Distr.: Inner Mongolia, Shanxi
Host: *Salix matsudana*.

260. Genus *Silvestraspis* Bellio, 1929

Silvestraspis Bellio, 1929, Portici, R. st. Super. Agr., Lab. Zool. Gen.e Agr. Bol. 22: 159. Type species: *Silvestraspis sinensis* Bellio, 1929.

954. *Silvestraspis uberifera* (Lindinger, 1911)
Zeitsschr. Wiss. Insektenbiol. 7: 126, *Cryptoparlatorea*
Syn.: *Silvestraspis sinensis* Bellio, 1929.
Distr.: Taiwan, Hainan, Fujian, Hongkong
Host: *Cinnamomum zeylanicum*, *Machilus kusanoi*, *Syzygium kwangtungensis*.

261. Genus *Sinoquernaspis* Takagi and Tang, 1982

Sinoquernaspis Takagi and Tang, 1982, Kontyu 50: 100. Type species: *Sinoquernaspis* Takagi and Tang, 1982.

955. *Sinoquernaspis gracilis* Takagi and Tang, 1982
Kontyu 50 (1): 102
Distr.: Fujian
Host: *Quercus*

262. Genus *Smilacicola* Takagi, 1969

Smilaciccia Takagi, 1969, Insecta Matsumurana 32: 55. Type species: *Smilacicola apicvalis* Takagi, 1969.

956. *Smilacicola apicalis* Takagi, 1969
Insecta Matsumurana 32 (1): 55
Distr.: Taiwan, Guangdong.
Host: *Smilax* sp.

957. *Smilacicola crenatus* Takagi, 1983
Insecta Matsumurana (N. S.) 27: 5

Distr.: Hongkong.

263. Genus *Taiwanaspidiotus* Takagi, 1969

Taiwanaspidiotus Takagi, 1970, Insecta Matsumurana 33: 72. Type species: *Aspidiotus shakungi* Takahashi, 1935.

958. *Taiwanaspidiotus shakunagi* (Takahashi, 1935)
Dept. Agric. Res. Inst. Formosa Rept. 66: 32,
Aspidiotus
Distr.: Taiwan.
Host: *Rhododendron* sp.

959. *Taiwanaspidiotus yei* Takagi, 1970
Insecta Matsumurana 32: 75,
Distr.: Taiwan.
Host: *Castanopsis kusanoi.*

264.Genus *Takagia* Tang, 1984

Takagia Tang, 1984, Horticultue and Forest Scale Insects of China 2: 10. Type species: *Takagia sishanensis* Tang, 1984.

960. *Takagia sishanensia* Tang, 1984
Horticulture and Forest Scale Insects of China II: 10, fig.
Distr.: Yunnan.

265. Genus *Takahashiella* Borchsenius, 1964

Takahashiella Borchsenius, 1964, Ent. Obozr. 43: 164, 168. Type species: *Chionaspis vrmiformis* Takahashi, 1930.

961. *Takahashiella vermiformis* (Takahahshi, 1930)
Dept. Agric. Res. Inst. Formosa Rept. 63: 10, *Chionaspis*
Distr.: Taiwan, Guangdong.
Host: *Bambusa.*

266. Genus *Temnaspidiotus* MacGillivray, 1921

Temnaspidiotus MacGillivray, 1921, The Coccidae: 387. Type species: *Aspidiotus excisus* Green, 1896.

962. *Temnaspidiotus beilschmiediae* (Takagi, 1969)
Insecta Matsumurana 32 (1): 69, *Aspidiotus*
Distr.: Taiwan.
Host: *Phoebe.*

963. *Temnaspidiotus excisus* (Green, 1896)
Coccidae of Ceyloy 1: 50, 53, *Aspidiotus*
Distr.: Fujian, Taiwan, Guangdong, Hainan, Thailand, Fiji, Japan, Sri Lanka, SE Asia, Micronesia.
Host: *Clerodendron inerme, C. trichotomum, Cyanotis pilosa, Elephantopus mollis, Elephantopus scaber, Glochdion puberum, Hoya carnosa, Ipomoea, Oxisa, Piper, Tournefortia.*

964. *Temnaspidiotus hoyae* (Takagi, 1969)

Insecta Matsumurana 32 (1): 70, *Aspidiotus*
Distr.: Taiwan.
Host: *Hoya carnosa*.

965. *Temnaspidiotus pothos* (Takagi, 1969)
Insecta Matsumurana 32: 79, *Aspidiotus*
Distr.: Taiwan.
Host: *Pothos chinensis*.

966. *Temnaspidiotus sinensis* Ferris, 1952
Microentomology 17: 9
Distr.: Kunming.
Host: Grass.

967. *Temnaspidiotus taraxacus* Tang, 1984
Horticulture and Forest Scale Insects of China II: 22, fig.
Distr.: Hainan.
Host: *Phoebe*, *Taraxacum koksaghyz*.

968. *Temnaspidiotus transparens* (Green, 1890)
Insects of Tea Plsnt: 20, *Aspidiotus*
Distr.: Fujian.

267. Genus *Thysanaspis* Ferris, 1955

Thysanaspis Ferris, 1955, Microentomology 20: 30. Type species: *Thysanaspis acalyptus* Ferris, 1955.

969. *Thysanaspis acalyptus* Ferris, 1955
Microentomology 20: 31.
Distr.: Guangdong, Hongkong, Macao.
Host: *Litsea akoensis*.

970. *Thysanaspis perkinsi* Takagi, 1969
Insecta Matsumurana 32: 108.
Distr.: Taiwan.
Host: *Litsea akoensis*.

268. Genus *Thysanofiorinia* Balachowsky, 1954

Thysanofiorinia Balachowsky, 1954, Inst. Pasteur [Paris] Mem. Sci.: 168, 312-314.Type species: *Fiorinia nephalii* Maskell, 1898.

971. *Thysanofiorinia leei* Williams, 1971
Bull. Ent. Res. 60:451
Distr.: Hongkong.
Host: *Litchi chinensis*, *Nephelium*.

972. *Thysanofiorinia nephelii* (Maskell, 1898)
Trans. N. Zealand Inst. 30: 234; *Fiorinia*
Syn.:*Parafiorinia hirsuta* Marchal, 1906.
Distr.: Fujian, Taiwan, Guangdong, Hongkong, Guangxi. Australia, Japan, Burma, Brazil.
Host: *Dimocarpus longan*, *Litchi chinensis*, *Nephelium*.

269. Genus *Tsugaspidiotus* Takahashi and Takagi, 1957

Tsugaspidiotus Takahhashi and Takagi, 1957, Kontyu 25: 102. Type species: *ASpidiotus (Diaspiodiotus} tsugae* Marlatt, 1911.

973. *Tsugaspidiotus piceae* Tang, 1991
Acta Entomol. Sin. 34: 460.
Distr.: Shanxi.
Host: *Picea asparata.*

270. Genus *Unaspis* MacGillivray, 1921

Unaspis MacGillivray, 1921, The Coccidae: 308. Type species: *Chionaspis acuminata* Green, 1896. Syn.: *Ametrocaspis* MacGillivray, 1921; *Geasphis* MacGillivray, 1921; *Prontaspis* MacGillivray, 1921.

974. *Unaspis acuminata* (Green, 1896)
Ind. Mus. Notes 4: 3, *Chionaspis*
Distr.: Guangdong, Hainan, Guangxi. India, Sri Lanka
Host: *Ardisia, Citrus, Mangifera indica.*

975. *Unaspis aei* Takagi, 1970
Insecta Matsumurana 33: 35
Distr.: Taiwan
Host: *Euonymus echinatus*

976. *Unaspis aesculus* Takahashi, 1957
Trans. Shikoku Ent. Soc. 5: 104, fig.
Distr.: Yunnan, Sichuan. Japan
Host: *Rhamnus utilis*

977. *Unaspis citri* (Comstock, 1881)
Rept. Ent. U. S. D. A. 1880: 313, *Chionaspis*
Syn.: *Dinaspis annae* Wu, 1935; *D. veitchi* Green and Laing, 1923.
Distr.: N. China, Hubei, Guangdong, Hongkong, Sichuan.
America, W. Indies, Mexico, Australia, Samoa, Singgapore, Japan.Caribean Islands
Host: *Citrus grandis, Euonymus latifolius, Osmanthus.*

978. *Unaspis emei* Tang, 1986
Horticulture and Forest Scale Insects of China III: 134
Distr.: Sichuan.
Host: *Schoepfia jasminodora.*

979. *Unaspis euconymi* (Comstock, 1881)
Rept. Ent. U. S. D. A. 1880: 313, *Chionaspis*
Syn.: *Unaspis nakayamai* Takahashi and Kanda, 1939.
Distr.: Inner Mongolia, Shandong, jiangsu, guangdong. SE. China. America, England, France.
Host: *Buxus, Citrus grandis, Euonymus, Prunus salicina.*

980. *Unaspis pseudaesculus* Tang, 1986
Horticulture and Forest Scale Insects of China III: 140
Distr.: Sichuan

981. *Unaspis turpinae* Takahashi, 1934
Dept. Agric. Res. Inst. Formosa Rept. 63: 15 fig. 5, *Unaspis acuminata* var. *turpiniae*
Distr.: Taiwan, Japan
Host: *Turpinia formosana.*

982. *Unaspis yanonensis* (Kuwana, 1923)
Dep. Agr. Comm. Jap. Bul. Agr. Inj. Ins. Pest, Serv. 10: 1, *Chionaspis*
Distr.: Inner Mongolia, Shaanxi, Gansu, Hubei, Jiangsu, Zhejiang, Fujian, Jiangxi,

Guangxi, Guizhou, Yunnan, Sichuan. Japan, Korea, France
Host: *Citrus*.

271. Genus *Unchionaspis* MacGillivray, 1921

Unchionaspiks MacGillivray, 1921, The Coccidae: 307. Type species: (*Chionaspis colemani* Kuwana, 1902) = *Fiorinia signata* Maskell, 1897.

983. *Unchionaspis bambusae* (Cockerell, 1896)
Psyche 7, Suppl. 1: 21, *Chionaspis*
Distr.: Anhui, Jianagsu, Fujian, Japan, Sakhalin
Host: *Phyllostachs pubescens*.

984. *Unchionaspis tenuis* (Maskell, 1897)
Ent. Mon. Mag. 33: 242, *Fiorinia*
Syn.: *Chionaspis sasakii* Takahashi, 1936.
Distr.: Shaanxi, Zhejiang, Fujian, Sichuan, Japan, Korea
Host: *Bambusa* Sasa, *Phyllostachys pubescens*.

272. Genus *Ungulaspis* MacGillivray, 1921

Ungulaspis Mac Gillivray, 1921, The Coccidae: 274. Type species: *Lepidosaphes ungulata* Green, 19005.

985. *Ungulaspis ficicola* (Takahahi, 1931)
J. Soc. Trop. Agr. Formosa 23: 378, *Lepidosaphes*
Distr.: Taiwan, Japan.
Host: *Ficus nervosa*.

986. *Ungulaspis pinicola* (Chen, 1937)
Ent. & Phytopathology 5 (19): 395, *Lepidosaphes*
Distr.: Zhejiang, Guangxi.
Host: *Pinus massoniana*.

273. Genus *Yuanaspis* Young, 1986

Genus Yuanaspis Young, 1986, Contr. Shanghai Inst. Entomol. 6: 200. Type specis: *Yuanaspis fici* Young, 1986.

987. *Yuanaspis ficus* Young 1986
Contr. Shanghai Inst. Entomol. 6: 200
Distr.: Yunnan.
Host: *Ficus* sp.

274. Genus *Yunnanaspis* Young, 1986

Yunnanaspis Young, 1986, Contr. Shanghai Inst. Entomol . 6: 203. Type species: *Yunnanaspisrubra* Young, 1986.

988. *Yunnanaspis rubus* Young, 1986
Contr. Shanghai Inst. Entomol. 6: 204
Distr.: Yunnan.
Host: *Rubus* sp.

References

Ali, S. M.

1969 A catalogue of the Oriental Coccoidea. Part I. Indian Mus. Bull., 4(1): 67-83; Part II. Ibid., 4(2): 38-73.

1970 A catalogue of the Oriental Coccoidea. (Part III.) (Insecta: Homptera: Coccoidea).Indian Mus. Bul. 5(1) 9-94; Part. IV. Ibid. 5(2): 71-150.

1971 A catalogue of the Oriental Coccoidea. (Part V) With an index, Ibid., 6(2): 7-82.

1973 A note on the systematic position of the paddy mealybug (Insecta: Homoptera: Alam, S., Alam, M. S., and Karim, A. N. M.R.

1979 Rice mealybug in Banglad Coccoidea : Pseudococcidae) India. J. Zool.Soc. Ind. 25 (1/2):53-56. esh. Int. Rice Res. newsletter 4 5): 20-21.

1978 *Brevennia rehi* (LIndinger) is the valid name for rice mealybug. Int Rice Res. Newsletter 3(5): 15.

Angerilli, N. D.

1990 Chemical control of scale insect males, in Rosen, D. Editer, Armoed scale insects, Vol B: 409-411.

Argyriou, L. C.

1990 Diaspidid pest problems and control in crops: Olive, in Rosen, D. Editer, Armored scale insects, Vol. B: 579-583.

Bazarov, B. B.

1971 Zoogeographical analysis and distribution of the ar moured scale fauna (Coccoidea, Diaspidoidea) of central Asia. Proc.13th Int. Congr. Entomol. (Moscow, 1968) 1: 109-110. (In Russian)

Beardsley, J. W.

1962 Notes on the biology of the pink sugar cane mealybug, *Saccharicoccus sacchari* (Cockerell) in Hawaii (Homoptera: Pseudococcidae) Proc. Hawaii ent. Soc. 18: 55-59.

1966 Int. Rice Res. Newsletter 4(5): 20-21.

1966 Insects of Micronesia, Homoptera: Coccoidea. Insects of Miceonesia. 6: 377-562. Bishop Museum. Honolulu, Hawaii.

1984 List of terms and comments on morphological terminology used for descriptions of scale insects. The Scale 10 (1): 50-52.

Beardsley, J. W., Jr., and Gonzaler, R. H.

1975 The biology and ecology of armored scales. Annu. Rev. Entomol. 20: 47-73.

Bedford, E. C. G.

1990 Mechanical control: High-pressure rinsing of fruit, in Rosen, D. Editer, Armored scale insects, Vol. B: 507-513.

Bellio, G.

1928 Redescriptione del gen. *Tsukushiaspis* (Hemipirea: Coccidae) dell'Estremo Oriente. Boll. Lab. zool. gene. agaria, 21: 302-309.

1928 Note su Diaspinae dell'Estremo Oriente con descrizion di nuovespeci (Homoptera: Coccidae) Boll. Lab. zool. gene. agraia, 22: 159-65

1928 Notes su Diaspinae dell' Esremo Oriente con descrizion di nuove species (Homoptera: Coccidae). Boll. Lab. zool. gene. agraria, 22: 219-243.

Benassy, C.

1990 Diaspidid pest problems and control in crops: Date palm, in Rosen, D. Editer, Armored scale insects Vol. B: 585-591.

Ben-Dov, Y.

1988 A taxonomic analysis of the armored scale tribe Odonaspidini of the world (Homoptera: Coccoidea: Diaspididae). U. S. D. A. Agricultral Service Technical Bulletin no. 1723: 1-142. Fig. 1-68.

1990 Morphology, Systematics and Phylogeny: Diagnosis and Phylogenetic relations. in Rosen, D. Editer, Armored scale insects, Vol.A: 3-4.

1990 Status of our knowlege of Dispidoid systematics. in Rosen, D. Editer, Armored scale insects Vol. A: 81-84.

1990 Taxonomic characters. in Rosen, D., Editer. Armored scale insects, Vol. A: 85-92.

1990 Evolution of classifictory systems. in Rosen, D., Editer Armored scale insects Vol A:93-95.

1990 Classification of Diaspidoid and related Coccoidea. in Rosen, D., Editer. Armored scale insects, Vol. A: 97-128.

1990 Relationships with ants. in Rosen, D. Editer, Armored scale insects, Vol. A:339-343.

1990 Diaspidid pest problems and control in crops: Bamboo, in Rosen, D. Editer, Armored scale insects, Vol. B:655-660.

1993 A systematic catalogue of the soft scale insects of the world (Homoptera: Coccoidea: Coccidae) Flora and Fauna Handbook No. 9. Sandhill Crane Press, Inc. Gainesville, Florida. 536 pp. With data on geographical distribution, host plants, biology and economic importance.

1994 A systematic catalogue of the mealybugs of the world (Insecta: Homoptera: Coccoidea: Pseudococcidade and Putoidae) Intercept Ltd, and over 686 pp. With data on geographical distribution, host plants, biology and economic importance.

Blumberg, D.

1990 Host resistance: Encapsulation of parasites, in Rosen, D. Editer, Armored scale insects Vol. B: 221-228.

Borchsenius, N. S. (H. C).

1949 Fauna of USSR Homoptera, Pseudococcidae. Akad. Nauk. Zool. Inst. (n. S. 38) 7: 383 pp.

1956 Scale insect regional materials of China, 1. Mealybuggs affecting citrus, Acta Entomol. Sinica 6: 101-105.

1957 Fauna of USSR Homoptera, Coccidae. Akad. Nauk. Zool. Inst. (n. S. 66) 493 pp.

1958 On the evolution and phylogenetic interrelations of the Coccoidea (Insecta: Homoptera) Zool Zhur. 37: 765- 780.

1958 Notes on Coccoidea of China. 2. Descriptions of some new species of Pseudococcidae, Acleridae and Diaspididae (Homoptera, Coccoidea). (In Russian, English summmary) Ent. Oboszr. 37: [156]-173, illus.

1958 Scale insect regional materials of China, 2. Some new species of Lepidosaphini, Acta Entomol Sinica 8: 168-178.

1959 Contribution to coccid fauna of China. 6. Descriptions of new genera and species of coccids of the fam. Eriococcidae and Coccidae (scientific results of the Chinese-Soviet expeditions of 1955-1957 in southwestern China). (In Russian, English summary) Ent. Obozr. 38: (164)-175, illus.

1959 Notes on coccid fauna of China, 7. A new family of soft scales - Lecaniodiaspididae, Fam. n. (Homoptera, Coccoidea) (In russian, English summary and keys) Ent Obozr. 38: 840-846, illus..

1959 Contribution to the coccid fauna of China. 8. Description of one new genus and two new species of armored scales of the famly Diaspididae (Homoptera, Coccoidea). (In Russian, English summary) Zool. Zhur. 39:1821-1824, illus.

1960 Fauna of USRR, Homoptera, Kermococcidae, Asterolecaniidae, Lecaniodiaspidiae, Acleridae. Akad. Ent. Nauk Zool. Inst. (n. s. 77) 8: 282 pp.

1960 Scale insects regional materials of Chiana, 3. Affecting fruit and grape scale insests in East and North East China, Acta Entomol. Sinica 10: 214-218.

1960 Coccid fauna of China. 9. New soft scales of the families Margarodidae, Eriococcidae and Pseudococcidae (Homoptra, Coccoidea). (In Russian, English summary and keys.) Ent. Oboza. 39: 914-938, illus.

1961 Correction. Ent. Obozr. 40: 252. *Lepidosaphes foliicola* n. name for 1960 Coccid fauna of China. 9. New soft scales of the cupressi Borchs. 1958, *L. cuhresi* Borchs. 1958. Acta Ent. Sinica 8: 169, 175.

1962 Notes on coccid fauna of China. 10. Descriptions of some new species of Pseudococcidae (Homoptera: Coccoidea). (In Russian, English summary) Ent. Obozr. 41:583-595, ills..

1962 Descriptions of some new genera and species of Diaspidae (Homoptera, Coccoidea). Ent. Obozr. 41: 861-871.

1963 On the revision of the genus *Lepidosaphes* Shimer. Zool. Xurn. 42: 1161-1174.

1964 Notes on the Coccoidea of India 1. A new genus and three new species of Leucaspidini (Diaspidae). Ent. Obozr. 43: 864-872.

1966 A catalogue of the armoured scale insects (Diaspidae) of the world. Nauka (Moscow and Leningrad) 449 pp.

Borchsenius, N. S., and Bustshik, T. N.

1959 Contribution to the coccid fauna. 5. new genus and species of Fam. Phoenicococcidae (Homoptera, Coccoidea) from province Szechwan. (In Russian, English summary). Ent. Obozr. 38: 160-163, illus..

Brown, G. C., and Potter, D. A.

1990 The systems approach to integrated pest management with emphasis on the armoed scale insects, in Rosen, D. Editer, Armored scale insects, Vol.B: 527-533.

Burger, H.C., and Ulenberg, S. A.

1990 Quarantine problems and procedures, in Rosen, D. Editer, Armored scale insects, Vol. B: 313-328.

Camberlin, J. C.

1945 A new species of *Lepidosaphes* from China (Hemiptera: Coccidae) Pan Pacific Ent., 2(2): 85-87.

Chang, A. F.

1977 White peach scale (*Pseudaulacaspius pentagona*Targioni) an important pest of pear in Taiwan. (1) Morphology and identification. Plant Prot. Bull. Taiwan 14(2): 1972: 81-86, Illustr. (In Chinese with English summary)

1977 Diaspinae scale of citrus in Taiwan (1) Homoptera: Coccoidea, Plant Prot. Bull. Taiwan 15 (1): 1-42, illust. (In Chinese with English summary).

Chang, Y. C., Tao, C. C. C., and Wong, C. Y.

1982 Three species of scale insects injurious to giant *Leucaena* tree. Taiwan Forestry Res. Inst. Bull. No. 369 8pp. (In Chinese, English summary).

Chen, F. G

1935 Method for collecting and mounting scale insects. (In Chinese). Entomology and Phytopathology 3: 378-383, illus.

1936 Notes on the scale insects of citrus in several districts of East Chekiang, with description of one new species, Entomology and Phytopathology 4: 208-228.

1936 Notes on the biology of *Pseudococcus comstocki* (Kuwana) on citrus (Homopt.) (Chinese with English summary) Chekiang, China (Prov.), Bureau of Entomology

(Hangchow) Year Book 5 (1935): 16-35, illus.
1936 Four new coccids from Chekiang, Entomology and Phytopathology 5: 382-388.
1954 A new species of scale insect from Citrus, Acta Entomol. Sinica 4: 165-169.
1962 Two new fruit scale insects from China, Acta Entomol. Sinica 11: 283-286.
1974 A new coccid of *Ceroplastes* on citrus trees. Acta Entomol. Sinica 17 (3): 325-328.
1983 The Chionaspidini (Diaspididae, Coccoidea Homoptera) from China, Sichuan Rexue Jishue Chuben She, Chengdu: 1-177 illustr. (In Chinese with English summary) (1989)

Chen, F. G., Wu, Z. Q., and Su, D.K.
1980 New coccids of the genus *Aulacaspis* in China. Acta Zootaxonomica Sinica 5 (3): 289-296. (In Chinese and English).

Chen, X. Z., Zhang, F., and Wang, S. Z.
1981 A preliminary study on *Cosmococcus albizziae* Borchs. Kungchong Zhishi 18 (6): 255-256.(In Chinese).

Cheng, H. Y., and Ming, W. J.
1979 Population dynamics and biological control of *Matsucoccus matsumurae* Kuwana (Homoptera: Margarodidae). Acta omol. Sinica 22(2):149-155. (In Chinse, English summary).

Cheng, F. K.
1974 Studiess on the wax scale *Ericerus pela* with investigation into the earing experiences by mass, Acta Ent. Sinica 17 (4): 376-384, 3 figs, 2 tabs.

Chi, S.Y.
1935 On the Coccidae from the suburbs of Peiping. Ent. Contr. Agr. Coll., Nat Univ.Peiping, no. 1, 18 pp.

Chou I.
1946 Descrizione di un nuove *Chrysomphalus* (Coccidae, Homoptera). Inst Sinen., 1: 3-8.
1984 Monograph of Diaspidiae of China. Shanxi Publ. House of Science and Technology. 432 pp.

Chu, J. C.
1981 Studies on the morphology, life cycle and control of tea lac insects (*Tachardina theae* (Green and Mann) Acta Phytophylactica Sinica 8 (3): 187-192. (In Chinese, English summary).

Chua, T. H., and Wood, B. J.
1990 Diaspidid pest problems and control in other tropical trees and shrubs, in Rosen, D. Editer: Armored scale insects, Vol. B: 543-552,

Cockerell, T. D. A.
1896 Preliminary diagnosis of new Coccidae. Psyche 7: 1894-1896 (sup.): 1821.
1897 Notes on new Coccidae 1. A new coccid pest of greenhouse 2. A Japanese coccid quarantined at San Francisco. Psyche 8: 52-53.
1899 Four new Diaspine Coccidae. Canad. Ent. 31: 105-107.

Comsstock, J. H.
1881 Report of the entomologist. part II Report on scale insects. Cornell Univ. Agr. Expt. Sta. Bull. 372: 425-500.

Cooley, R. A.
1899 The coccid genera *Chionaspis* and *Hemichionaspis*. Mass. Agr. Expt. Sta. spec.Bull. 57 PP.

Cox, J. M.
1987 Pseudococcidae (Insecta: Hemiptera) Fauna of New Zealand Number 11:1 228.-

1989 The mealy bug genus *Planococccus* (Homoptera: Pseudococcidae).Bull. Brit. Mus. nat. Hist. Ent. 58(1):1-78.

Danzig, E. M.

1964 Suborder Coccinea-coccids or mealybugs and scale insects. Akad. Nauk. SSSR Zool. Inst. 1: 616-664.

1965 The wax scale *Ericerus pela* Chav. (Homoptera, Coccoidea) in the USSR. (In Russian. English summary) Zool. Zhur. 44: 537-546, illus.

1969 The first note on the scale insects (Homoptera, Coccoidea) of Mongolia. (In Russian. English summary) Zool. zhur. 48: 1579-1581, illus..

1972 Contribution to the fauna of the whiteflies and scale insects (Homoptera: Aleyrodoidea and Coccoidea) of Mongolia. Insects of Mongolia I: 325-348.

1974 Contribution to the fauna of scale insects (Homoptera: Coccoidea) of Mongolia 2: 67-71. (In Russian).

1975 Species of mealybugs (Homoptera: Coccoidea: Pseudococcidae) new for Mongolia.Insects of Mongolia 3: 48-55. (In Russian).

1975 New species of the genus *Acanthococcus* Sign. (Homoptera, Coccoidea, Eriococidae) from the Far East of USSR. Entomol. Obozr. 54 (1): 62-81. (in Russian).Entomol. Rev. 54 (1): 42-56. (In English)

1977 Contributions to the scale insect fauna of north andeast Mongolia (Homoptera: Coccoidea). Insects of Mongolia 5: 196-202. (In Russian).

1980 Species of scale insects (Homoptera: Cooccinea) new for Mongolia. Insects of Mongolia and: 31-38. (In Russian).

1984 New data on the scale insects (Homoptera: Coccinea) Mongolia insects of Mongolia 9: 33-34. (In Russian).

1990 Coccids of the Far-Eastern USSR (Homoptera: Coccinea), Phylogenetic Analysis of Coccids in the World Fauna.: 1-450. Nauka Publishers, Leningrad Section, Leningrad.

Darvas, B., and Varjas, L.

1990 Insect growth regulators, in Rosen, D. Editer, Aremored scale insects, Vol. B: 393-408.

Davidson, J. A., and Iller, D. R.

1990 Diaspidid pest problems and control in crops: Ornamental plants, in Rosen, D. Editer, Armored scale insects, Vol. B: 603-632.

DeBach, P., and Rose, M.

1990 Conservation of natural enemies, in Rosen, D. Editer, Armored scale insects, Vol. B: 461-472.

DeLotto, G.

1968 A generic diagnosis of *Takahashia* Cockerell, 1896 (Homoptera, Coccidae). Linn. Soc. London, Proc. 179: 97-98, illus..

1969 A new genus of wax scales (Homoptera: Coccidae). Est. ratto dal Bllettino del Laboratoria di Entomologia Agaria "Filippo Silvestri" di Portici 27: 210-218.

Drea, J.J.

1990 Other predators Coleoptera, in Rosen, D. Editer, Armored scale insects, Vol. B.: 41-49.

1990 Predators: Neuroptera, in Rosen, D. Editor, Armoredscale insects Vol. B: 51-59.

1990 Predators: Coleoptera and Neuroptera, in Rosen D. Editer, Armored scale insects, Vol. B: 235-238.

Drea, J. J., and Gordon, R.D.

1990 Predators: Coccinellidae, in Rosen, D. Editer, Armored scale insects, Vol. B: 19-40.

Evans, H.C., and Prior, C.
1990 The natural enemies, Entomopathogenetic fungi, in Rosen, D. Editer, Armored scale inscets, Vol. B:1-17.
Evans, J.W.
1968 The phylogeny of the Homoptera. Ann. Rew. Ent. 8: 77-94, illus.
Ezzat, Y. M., and MeConnell, H. S.
1956 The mealybug tribe Planococcini (Pseudococcidae: Homoptera) Md. Agr. Expt. Sta. Bull. A-84, 108 pp.
Ezzat, Y. M.
1958 *Maconellicoccus hitrsutus* (Green) , a new genus, with redescription of the species (Homoptera: Pseudococcidae-Coccoidea). Soc. Ent. d' Egypt Bull. 42: 377-383.
Fernald, M. E.
1903 A catalogue Coccidae of the world. Hatch Exp. Sta. Massachuset agr. Coll. Bull., 88:1-360.
Ferris, G. F.
1921 Some Coccidae form Eastern Asia. Bull. ent. Res. 12: 211-220.
1921 Notes on Coccidae. vii-viii (Hemiptera). Canad. Ent. 53: 57-61, 91-95.
1937 Atlas of the scale insects of north America. 1. Stanfpord University Press, California
1938 Atlas of the scale insects of north America. 2.
1941 Atlas of the scale insects of north America. 3.
1942 Atlas of the scale insects of north America. 4.
1950 Atlas of the sacle insects of north America. 5. The Pseudococcidae (Paert 1)
1950 Report upon sacle insects collected in China (Homoptera: Coccidae). 1: Microent., 15: 1-34.
1950 Report upon scale insects collected in China (Homoptera: Coccidae). 2. Miceoent. 15: 70-79.
1952 Report upon scale insects collected in China (Homoptera: Coccidae). 3. Microent. 17: 6-9.
1953 Report upon scale insects collected in China (Homoptera: Coccidae). 4: Microent. 18: 59-67.
1953 Atlas of the scale insects of north America. 6. The Pseudococcidae (Part 2.)
1954 Report upon scale insects collected in China (Homoptera: Coccidae) 5. Microent. 19; 51-55.
1955 Report upon scale insects collected in China (Homoptera: Coccidae). 6. Microent. 20: 30-40.
1955 Atlas of the scale insects of north America. 7. The families Acleridae, Asterolecanidae, Conchaspididae, Dvtylopidae and Lacciferidae.
1957 A brief history of the study of Coccoidea. Microent.: 39-57.
Foldi, I.
1984 The value of wax-gland system in systematics and phylogenitics of the scale insects. Proc. 10th Int. Symp. Cental European Entomofaunistics (SIEEC) (Budapest, Hungary, Aug. 1983) p. 342-345.
1990 The scale cover. in Rosen, D. Editer: Armored scale insects, Vol. A: 43-54.
1990 Internal anatomy.in Rosen, D. Editer. Armored scale insects, Vol. A: 65-80.
1990 Moulting and scale cover formation. In Rosen, D. Editer. Armored scale insects Vol. A. 257-265.
Gerson, U.
1900 Biosystematics. in Rosen, D. Editer, Armored scale insects, Vol A: 129-134. 5
Gerson, U., O'Connor, Barry, M., and Houk, M. A.

1990 Predators: Acari in Rosen, D. Editer, Armored scale insects, Bol. B: 77-97.

Gieselmann, M. J., and Rice, R. E.

1990 Use of pheromon traps, in Rosen D. Editer, Armoed scale insects, Bol. B: 349-352.

Giliome, J. H.

1990 The adult scale insect male in Rosen, D. Editer, Armored scale insects, 1990 Eradication, in Rosen, D. Editr, Armored scale insects Vol. B: 329-333.

Gill, R. J., Nakahara, S., and Williams, M. L.

1977 A reviėw of the genus *Coccus* Linnaeus in America north of Panama (Homoptera: Coccoidea: Coccidae). Ocacasional Papers in Entomology, Califironia Dept. Food and Agr. 24: 1-44.

Gimpel, W. F. Jr., Miller, D. R., and Davidson, J. A.

1974 A systematic revision of the wax scales, genus *Ceroplastes*, in the United States (Homoptera: Coccoidea: Coccidae). Miscellaneous Publication 841: 1-85. (Agr. Expt Sta. Univ.. Md.).

Greathead, D. J.

1990 Crawler behabiour and dispersal. in Rosen, D. Editer, Armored scale insects, Vol. A: 305-308.

Green, E.E.

1896 The Coccidae of Ceylon. I. 103 pp. London.

1899 Observations on Aspidiotus lataniae Sign. Ent. Monthly Mag. 35: 181-183.

1900 Supplementary notes on the Coccidae of Ceylon. Bombay Nat. Hist. Soc. Jour. 13: 66-76 and 252-257.

1900 Remarks on Indian sale insects (Coccidae), with descriptions of new species.Pt.1.Indian Mus. Notes 5: 1-13.

1905 Supplementary notes on the Coccidae of Ceylon. Bombay Nat. Hist. Soc. Jour. 16: 340-357.

908 Remarks on Indian scale insects (Coccidae), Part iii, with a calagoue of all species hitherto recorded from the Indian continent. India Dept. Agr. Mem., Ent. Ser. 2: 15-27.

1915 Observations on British Coccidae in 1914, with descriptions of new species. Ent. Monthly Mag. 51: 175-185.

1921 Observations on British Coccidae: with descriptions of new species, vii. Ent. Monthly Mag. 57: 257-259.

1922 The Coccidae of Ceylon. 5. pp. 345-472. London.

1922 Supplemenary notes on the Coccidae of Ceylon.Part 4. Bombay nat. Hist Soc. Jour. 28: 1007-1037.

1925 Observations on British Coccidae IX. Ent. Monthly Mag. 61: 34-44.

1925 On a species of Ceroplastes (Hem> Coccidae), hitherto confused with *C. cerciferusAnders*. Stylops 4: 180.

Gutierrez, A.P., and Huffarker, C. B.

1990 Evaluation of efficiency of natural enemies in biological control, in Rosen, D. Editer, Armored scale insects, Vol. B: 473-495.

Hao, J., Wu, S., Jia, C., and Tang, F. T.

1995 A new record genus and a new species of Kuwaniinae (Homoptera: Margarodidae) from Shanxi China, Entomotaxonimia 17 (2): 109-112, illustr. (In Chinese with English summary).

Harris K. M.

1990 Predators: Cecidomyiidae and other Diptera, In Rosen, D. Editer, Armored scale insects Vol. B: 61-68.

1990 Cecidomyiidae, in Rosen, D. Editer, Armored sdcale insects, Vol. B: 239-240.

Hart, W. G. H

1990 Remote sensing, in Rosen, D. Editer, Armored scale insect, Vol. B: 353-356.

Havron, A., and Rosen, D.

1990 Toxicilogical test methods in Rosen, D. Editer, Armored scale insects, Vol. B: 291-295.

Hodgson, C. J.

1994 The scale insect family Coccidae, An identification manual of genera. CAB International: 1-639.

Hoffmannn, W. E.

1927 Coccidae of China. Lingnan agr. Rev., Rev., 4 (1): 73-76.

Howell, J. O., and Kostarab, M.

1972 Morphology and systematics of the adult females of the genus *Lecanodiaspis* (Homoptera: Coccoide: Lecanodiaspididae).Virginia Polytech. Inst. State Univ. Bull. No. 70: 1-248.

Howell, J.O., and Takagi, S.

1981 *Neoquernaspis* new genus of armored scale insect from East Asia. Ann.Entomol. Soc. Amer. 74(5): 487-488.

Howell, J. O., and Tippins, H. H.

1990 Pupillarial forms. in Rosen Editer, Armored scale insects, Vol.A: 55-57.

Howell, J. O., and Williams, M. L.

1976 An annotated key to the families of scale insects Homoptera: Coccoidea) of America, north of Mexico, based on characteristics of the adult females. Ann. Ent. Soc. America 69: 181-189.

1990 The immature stages. In Rosen Editer, Armored scale insects, Vol. A: 29-42.

Hoy, J. M.

1963 A catalogue of Eriococcidae of the world. N. Z. Dept.Sci. Indusgtr. Res. Bull. no. 150: 1-268.

Hoy, M. A.

1990 Genetic improvement of natural enemies of Armored scale insects, in Rosen, D. Editer, Armored scale insects, Vol. B: 441-451.

Hu, H. L., and Wang, L. Y.

1976 Studies on the pine bast scale *Matsucoccus massonianae* Y.and H. (1). Acta Entomol.Sinica 19(4): 383-392. (In Chinese, English summary).

Hu, J.L.

1982-1983 A new species and a new record of *Kuwanaspis* (Coccoidea: Diaspididae). Contr. Shanghai Inst. Entomol 3: 213-216. (In Chinese, English summary).

1984 Two new species of Diaspididae. Contr. Shanghai Inst. Entomol. 4: 215-219. (In Chinese).

1985 A new genus and two new species of Diaspididfae (Homoptera: Coccoidea). Contrib. Shanghai Inst. Enmtomol. 5: 263-266. (In Chinese, English summary)

1986 Studies on scale insects in the Hainan Island of China (Part 1), Contribution from Shanghai Institute of Entomology 8: 213-227, illustr. (In Chinese with English summary).

1987 Two new species of Diaspididae (Homoptera: Coccidae), Contr. Shanghai Inst. Entomol. 4 1984: 215-219, ilustr. (In Chinese with English summary).

1987 A new genus and two new species of Diaspididae (Homoptera: Coccidae), Contr. Shanghai Inst. Entomol. 5: 1985: 263-268, illust. (In Chinese with English summary)

1989 A new species of *Ischanafiorinia* (Coccoidea: Diaspididae). Contr. Shanghai Inst. Entomol.7 1987: 135-137, illustr. (In Chinese with English summary).

1989 A new species of *Nikkoaspis* (Coccoidea: Diaspididae), Contr. Shanghai Inst. Entomol. 7: 138-140, illustr. (In Chinese with English summary).

Hu, J.l., Sun, P., and Chen, J.R.

1988 (1990) A new species of *Asterolecanium* (Homoptera Coccoidea: Asterolecanidae), Contribution from Shanghai Institute of Entomology 8: 193-195, illustr. (In Chinese with English summary).

Hu, J. I., and Xia, G. I.

1988 A new speciess of *Bambusaspis* (Homoptera: Aserolecaniidae), Contribution from Shanghai Institue of Entomology 8: 196-198, illustr. (In Chinese with English summary).

Hu, Xie, G.L., and Yan, A. J.

1981 A new species of *Eriococcus* (Coccoidea: Eriococcidae) and its biology. J. Nanking Tech. Coll.Forest Prod. No. 4: 75-82. (In Chinses. English summary). E. nematosphaerus .

Hu, X.

1987 Studies on gall-like scale insects with descriptions of three new species from Shantung, China (Homoptera: Coccoidea: Kermidae) Entomotaxonomia 8 (4): 296-326, illustr. (In Chinese with English summary).

Hu, X., and Li S.

1993 On newly recorded genus and new species of Kermesidae (Homoptera: Coccoidea) from China, Scientia Silvae Sinicae 29 (20: 110-114, illustr. (In Chinese with English summary).

Hu, Y. Y., Dal, H. G., Du, X. T., and Li, A. L.

1983 A preliminary study on Korean pine bast scale. *Matsucoccus koraiensis* Young and Hu. Sci Silvae Sinicae 19 (1): 30-38. (In Chinse. English summary).

Hu, Y. Y., Dail H. G., and Hue, C. S.

1982 A preliminary study on poplar scale-insect *Quadraspidiotus gigas* (Thiem and Gerneck) . Sci Silvae Sinicae 18 (2): 160-169). (In Chinese. English).

Hu, Y. Y., and Hu, J. i.

1985 A new species *Matsucoccus* in Heilongjiang Propvince (Homoptera: Margarodidae), Science silvae Sin. 17 (2): 1981: 178-180. illust. (In Chinese with English summary)

Hu, Y. Y., Sun, G. X., Zhang, J. G., and Sun, H. J.

1984 Study on scotch pine bast *Matsucoccus dahurienis* Hu and Hu of Great Xingan Mountains. J. Northeastern Forestry Inst., China 12 (2): 14-20. (in Chines, English)

Huang, B. K., Qiu, J. H., and Jiang, F.

1983 A study of the citrus root mealybug - a new insects on citrus in China. J. Fujian Agric. Coll. 12 (3): 183-193. (In Chinese. English summary).

Huang, L.L., Wang, D. W., Zhang, Q., and Zhu, W.

1983 A study on the biology and control of the arrow head scale (*Unaspis yanonensis* Kuwana). Acta Phytophylacia Sinica 10(1): 19-24. (In Chinese).

Huang, P.K., Tsai, S. l., Lin, l.f., and Kuo, W. Y.

1979 On *Geococcous citrus* Kuw. (Homoptera; Pseudococcidae), A new pest of citrus in China, Acta ent. Sinica 22 (2): 200-205, illustr.

Huang, P. K.

1982 A brief history of lac insect. *Laccifer lacca* Ker from Yunnan into Fujian (Homptera

Lacciferidae). J. Wuyi Sci. 2.:146-151. (In Chinese. English summary)

Huang, P. K., Tsai, H. L., Lin, L. F., and Kuo, W. I.

1970 On *Geococcus citrinus* (Kuw.) (Homoptera:Pseudococcida new pest of citrus in China. Acta Entomol. Sinica 22(2): 203-205. (In Chinese).

Huffaker, C. B.

1990 Effects of environmental factors on natural enmies of armored scale insects, in Rosen, D. Editer, Armored scale insects, Vol. B: 205-220.

Huffaker, C. B., and Gutierrez, A. P.

1990 Natural enemies and prey population regulation, in Rosen, D. Editer, Armored scale insects, Vol. B: 185-195.

Huffaker, C. B., and Rosen, D.

1990 The attributes of effective natural enemies. in Rosen D. Editer, Armored scale insects Vol. B: 197-204.

Hwang, J. S., and Hsien, F. K.

1981. Bionomics of the lac insect in Taiwan. Bul. Plant Prot. 23 (2): 103-135. (In Chinese. English summary).

Ishaaya, I., and Swirski, E.

1990 Iodine test for determining live and dead scale insects, in Rosen, D. Editer, Armored scale insects, Vol. A: 353-356.

Jiang, G. Z., and Chen, F. G.

1984. A new species of *Quernaspis* from China, Entomotaxonomia 6(2/3): 237-240. (In Chines, English summaary). Neoquernaspis unciformis

Kanda, S.

1932 A new species of the genus *Kermes*. Annot. Zool.Jap. 13: 551-557.

1933 A new species of the genus *Eriooocus Insect* World 37: 151-153.

1933 Two new species of the genus *Pseudococcus* from Yokohama and the Island of Palau. Annot. Zool. Jap. 14: 133-138.

1934 A new species of *Eulecanium* (Coccidae) Annot. Zool. Jap. 14: 406-408.

1935 On the genus *Heliococcus* (Coccidae). Annot. Zool. Jap.15: 70-75.

1943 Two new *Pseudococcus* (Coccidae: Homoptera). from Nippon. Annot. Zool.Jap. 22; 49-53.

1943 On the *Phenacoccus* species (Coccidae) in the palaearctic region of Nippon. Kansai Ent. Soc. Trans. 12: 42-49.

1943 On a new genus *Neoripersia* (Coccidae.Homoptera). Kansai Ent. Soc. Trans. 12: 49-50.

1959 Two new species of the Pseudococcidae. Kontyu 27: 179-180.

1959 Two new genera and two new species of Pseudococcids (Homoptera) Kontyu 28: 116-122.

1960 Descrptions of the Coccidae from Japan (Homoptera). Kontyu 28: 116-122.

Kapur, A. P.

1958 Catalogue of lac insects. Ranchi, India Cess. Citree. 47 pp.

Kawai, S.

1972 Diagnositic notes and biology of the coccid species occuring on cultivated or wild trees and shrubs in Japan (Homoptera: Coccoidea). Bull. Tokyo - Agric. Expt. Sta. No. 6:54 pp. (In Japanese).

1972 Three new species of the genus Lepidosaphes from Ogasawara Islands (Homoptera: Coccoidea), Kontyu 40(1): 26-33, 5 figs

1973 Some mealy bugs from the Ogasawara (Bonin) Islands (Homoptera: Pseudococcidae), Kontyu 41(3): 312-325, 7 figs.

1977 Changes of Coccid-Fauna with urbanization in Tokyo. "Tokyo Project" interdisciplinary Studies of Urban Ecosystem in the Metropolis of Tokyo, edited by Numata, M. p. 148-172.

1980 Scale insects of Japan in colors. Publ. Nall. Agric. Education Assoc. 455 pp. (In Japaeses).

1988 Identification of the fruit tree infesting coccids scale insects; (2), Shokubutsu Boeki 42(12): 696-602, illustr. (In Japanese)

1988 Identification of fruit-tree infesting coccids (scale insects) (1), Shokubutsu Boeki 42 (10): 502-506, illustr. (In Japanese)

1988 Identification of the mealybug on fruit-trees. Shokubutsu Boeki 44 (6): 1990: 251-255, illustr. (In Japanese)

1989 Identification of the fruit-tree infesting coccids scale insects) (5), Shokubutsu Boeki 48(6) 1989: 149-156, illustr. (In Japanese)

1989 Identiification of the fruit-trees infesting coccids (scale insects) (4) Shokubutsu Boeki 43(3): 181-187, illustr. (In Japanese).

1989 Identification of the fruit-tree infesting coccoids (scale insects) (3) Shokubutsu Boeki 43(1): 50-55, ilustr. (In Japanese).

Kawai, S. Matsubara, Y., and Umesawa, K.

1971 A preliminary revision of the Coccoidea fauna of the Ogasawara (Bonin) Islands (Homoptera: Coccoidea). Appl. Ent. Zool. 6: 11-26.

Kawai, S.and Takagi, K.

1971 Two subterranean species of the Ortheziidae found in tea gardens in Japan (Coccoidea: Ortheziidae). Appl.Ent. Zool. 6: 112-118.

1971 Descriptions of three economically important species of rootfeeding mealybugs in Japan (Homoptera: Pseudococcidae). Appl. Ent. Zool. 6: 175-182.

Kawai, S., and Tamaki,Y.

1967 Morphology of *Ceroplastes pseudoceriferus* Green, with reference to the wax secre

Khoo, S. G.

1974 Scale insects and mealybugs, their biology and control. Malayasian Nat. J. 27: 124-130.

1978 A new species of *Conchaspis* Cockerell (Homoptera: Conchaspididae) from penninsular Malaysia. Malaysian J. Sci. 5(1): 79-83.

Komosinska, H.

1969 Studies on the genus *Abgrallaspis* Balachowsky, 1948 (Homoptera) Diaspidae). Acta Zoologica Cracoviensia 14: 43-45.

Kosztarab, M.

1990 Economic importance, in Rosen, D. Editer, Armored scale insects, Vol. B: 307-311.

Kosztarab, M., Ben-Dov, Y., and Kosztarab, M.

1986 An annotated list of generic names of the scale insects (Homoptera: Coccoidea) Third supplement, Virginia Polytechnic Institue and Sate University, Studies on the Morphology and Systematics of Scale Insects no. 13: 1-38.

Kosztarab, M., and Kosztarab, M. P.

1970 A selected bibliography of the Coccoidea. Second supplment. U. S. Dept. Agr. Misc. Publ.: 1281: 1-122.

1988 A selected bibliography of the Coccoidea. Third supplement (1970-1985). Virginia Polytechnic Institue and State Univ. Agr. Expt. Sta. Bull. No. 88-1, 1-252.

Kosztarab, M., and., Kozar, F

1988 Scale insects of Central Europe.Dr. Junk Publishers: 1-456.

Kosztarab, M., and Russell, L.M.
1974 An annotated list of generic names of scale insects. Second supplements, U. S. Dept. agr. Res. Serv. Misc. Publ., no. 1285: 1-22.
Koteja, J.
1974 On the Phylogeny and classification of the scale insects (discussion based on the morphology of the mouth parts), Acta Zool. Cracov., 19: 267-325.
1990 Paleontology. In Rosen Editer. Armored scale insects, Vol. A: 149-163.
1990 Life history. in Rosen, D. Editer: Armored scale insects. Vol. A: 243-259.
Kozar, F.
1990 Zoologeographical considerations. in Rosen Editer, Amored scale insects, Vol. A: 135-148.
1990 Forcasting and Monitoring infestations, in Rosen, D. Editer, Armored scale insects, Vol. B: 335-340.
1990 Sampling and census-taking, in Rosen, D. Editer, Armored scale insects Vol. B: 341-347.
1990 Diaspiodid pest problems and control in crops: Deciduous fruit trees, in Rosen, D. Editer, Armored scale insects, Vol. B: 593-602.
Kozar, F.and Walter, J.
1985 Check list of the Palaearctic Coccoidea (Homoptera), Folia Entomol. Hungarica 46 (2): 63-110.
Kuwana, I.
1902 Coccidae (scale insects) of Japan. Calif. Acad. Sci. Proc. (ser. 3, Zool.) 3: 43-98.
1907 Coccidae of Japan, 1. A synoptical list of Coccidae of Japan with descriptions of thirteen new species . Imp. Cent. Agr. Expt. Sta. Bull. Tokyo, 1(2): 177-207.
1907 Coccidae of Japan. II. A new Xylococcus in Japan. Imp. Cent. Agr. Expt. sta. Bull., Tokyo, 1(2): 209-212.
1907 Notes on the life history and morphology of Gossperia ulmi Geoff. Imp. Cent. Agr.Expt Sta. Bull. Tokyo, 1(2): 213-231.
1909 Coccidae of Japan (III). First supplemental list of Japanese Coccidae, or scale insects, with descriptions of eight new species. N. Y. Ent. Soc. Jour. 17: 150-158.
1909 Coccidae of Japan (IV). A list of Coccidae from the Bonin Islands (Ogasawarajima), Japan. New York Ent. Soc. Jour. 17: 158-164.
1914 Coccidae of Japan, V. Jour. Ent., and Zool. 6: 1-11.
1916 Some new scale insects of Japan. Annot Zool.Jap. 9: 145-152.
1922 Studies on Japanese Monophlebinae, Contribution 1: The genus Warajicoccus. Dept. Agr., and Com. Imp. plant Quar. Sta. Bull. (Japan) 1: 1-58.
1922 Studies on Japanese Monophlebinae, Contribution II: The genus Icerya Dept. Agr., and Com., Imp. plant Quar. Sta. Bull. (Japan) 2: 1-43.
1923 On Chinese white-wax scale, Ericerus pelaChavannes. Philippine Jour. Sci. 22: 393-406.
1923 Descriptions and biology of new or little- known coccids from Japan. Dept. Agr., and Com. Imp. Plant Quar. Sta. Bull. (Japan) 3: 1-67.
1925 The Diaspine Coccidae of Japan, 1. Genera Poliaspis, Ischnaspis and Paralatoria Dept. of Finance, Imp. Plant Quar. Ser. Tech Bull. (Japan) 1: 1-18.
1925 The Diaspine Coccidae of Japan, II. The genus Lepidosaphes. Japan Dept. Finance Imp. Plant Quar. Ser. Tech. Bull. 2: 1-42.
1925 The Diaspine Coccidae of Japan III. The genus *Fiorinia* Japn Dept. Finance, Imp. Plant Quar. SEr. Tech. Bull.3: 1-20.
1926 The Diaspine Coccidae of Japan, IV.Genera Cryptopar latorea, *Howardia*,

Sasakiaspis, *Diaspis*, *Aulacaspis*, *Pinnaspis* and *Prontaspis* Japan Dept. Finance Imp. Plant Quar. Ser. Tech. Bull. 4:1-44.

1927 A new species of the genus *Fiorinia* from Japan. Annot. Zool. Japan 11:151-155.

1927 A list of Coccidae (Scale insects) known from China. Lingnan agr. Rev. 4(1); 70-72.

1928 Diaspine Coccidae of Japan, V. Genera *Chionaspis*, *Tsukushiaspis*, *Leucaspis*, *Nikkoaspis*, (Japan) Min. Agr., and Forestry, Dept. Agr. Sci. Bull.1: 1-39.

1929 Notes on scale insects affecing citrus in China, Research of Horticulture 27: 1-10 (In Japanese)

1931 The genus *Kermes* of Japan. (Japan) Min. Agr. Forestry, Dept. Agr. Sci. Bull. 2: 15-29.

1931 The Diaspine Coccidae of Japn, VI Genus *Phenacaspis*, (Japan). Min. Agr., and Forestry, Dept. Agr. Sci. Bull. 2: 1-4.

1932 Two new conifer-infesting scale insects from Japan. Philippine Jour. Sci. 48: 51-54.

1932 The genus *Aclerda* in Japan, including Formosa. Philippine Jour. Sci. 48: 57-66.

1933 The Diaspine Coccidae of Japan. VII (Japan) Min. Agr., and Forestry, Dept. Agr. Sci. Bull. 3: 1-42.

Larew, H.

1990 Scale insect Gall formation in Rosen, D. Editer, Armored scale insecst, Vol. A: 293-300.

Li, Q. Yang, R., Lin, A., and Duan. B.

1988 Observation on the Coccoidea of Inner Mongolia in China. Inner Mongoliia Univ. Press: 1-222.

Lin, T. H.

1971 Morphology of *Pseudococcus comstocki* (Kuwana) (Homoptera: Coccoidea: Pseudococcidae). Plant Prot. Bul. (Taipei) 13 (4): 162-166.

Liu, T. S., and Tao, C. C.

1988 An unrecorded rice mealybug of Taiwan, Taichung Agricultural Experiment Station Report 20: 61-66.

Liu, T. X., Coper, R. M., Oetting, R. D., and Howell, J. O.

1989 Descripption of some immature stages of *Lepidosaphes camelliae* (Homoptera: Coccoidea: Diaspididae) Ann. Entomol. Soc. Am. 89: 9-13, illustr.

Liu, Y.

1992 A new species of *Asterodiaspis* Signoret (Homoptera: Asterolecaniidae) from Yunnan Province, China. Entomotaxonomia 14 (1): 23-25, illustr. (In Chinese with English summary).

1995 A new species of *Kermes* (Homoptera: Coccoidea: Kermesidae) from China, Entomotaxonimia 17 (4): 267-270, illust. (In Chinese with English).

Liu, Y., and Shi, Y.

1993 Discussion on the systematic status of the genus *Asterodiaspis* (Homoptera: Coccoidea: Asterolecanidae) with description of a new species, Entomotaxonomia 15 (3): 181-188, illustr. (In Chinese English summary).

1995 Two new species of *Kermes* (Homoptera: Coccoidea: Kermesidae), with a key to the young adult females of known species of *Kermes* from China, Insects Mundi 9 (1-2), 155-163, illustr. (In English).

Macgillivray, A. D.

1921 The Coccidae. Urbana, Illinois 502 pp.

Marlatt, C.L.

1908 New species of Diaspine scale insects. U. S. Dept. Agr., Bur. Ent. Tech. Ser. 1116: 11-32.

1911 A newly imported scale pest on Japanese hemlock (Rhynch). Ent. News 22: 385-387.

Maskell, W. M.

1894 Further coccid notes with descriptions of several new species and discussion of various points of interest. New Zeal. Inst. Trans., and Proc. 26: 66-105.

1897 on a collection of Coccidae, principally from China and Japan. Ent.Mon Mag., 33: 239-244.

1895 Further coccid notes, with descriptions of new species from New Zealand, Australia. Sandwitch Islands and elsewhere, and remarks on many species reported. New Zealand Inst. Trans., and Proc. 27: 36-76.

1897 On a collection of Coccidae, principally from China and Japan. Ent. Monthly Mag. 33: 239-244.

1898 Further coccid notes: With descriptions of new species, and discussion of points of interest. New Zeal. Inst. Trans., and Proc. 30 (1987): 219-252.

McClure, M.S.

1990 Coevolution of armored scale insects and their host plants, speciation Processes. in Rosen, D. Editer, Armored scale insects, Vol. A: 165-168.

1990 Ecology: Habits and hosts. in Rosen, D. Editer. Armored scale insects, Vol. A. 285-288.

1990 Impact on host plants. in Rosen, D. Editer Armored scale insects, Vol. A: 289-291.

1990 Patterns of host specificity.in Rosen, D. Editer. Armored scale insecs, Vol.A: 301-303.

1990 Patterns of temporal and spatial distribution.in Rosen, D. Editer. Armored scale insects, Vol. A: 309-314.

1990 Seasonal history. in Rosen, D. Editer. Armored sacle insects. Vol. A: 315-318.

1990 Influence of enviromental factors. in Rosen, D. Editer. Armored scale insects, Vol.A: 319-330.

1990 Life-tables, models and population dynamics, in Rosen, D. Editer. Armored scale insects, Vol. A:331-337.

McKenzie, H. L.

1938 The genus *Aonidiella* (Homoptera: Coccodiea: Diaspididae). (Contribution No. 8). Microentomology 3: 1-36.

1939 A revision of the genus *Chrysomphalus* and supplementary notes on the genus *Aonidiella* (Homoptera: Coccoidea: Diaspididae). Microentomology 4: 51-=77.

1949 A new introduced diaspidid scale of possible economic concern in California (Homoptera: Coccoidea: iaspididae) Scale studies Part VI. Calif. Dept. Agr. Bull. 38: 123-126.

1951 Present status of the Kuno scale, *Lecanium kunoensis* Kuwana, in California. Calif. Dept. Agr. Bull. 40: 105-109.

1953 A new scale insect from Ryukyu Islands related to the red scale (Homoptera: Coccoidea: Diaspididae). Scale studies. Pat XI. Calif. Dept. Agr. Bull. 42: 1-4.

1956 The armored scale insects of California. Calif. Insect Survey Bull.5: 1-209.

1964 Fourth taxonomic study of California mealybugs, with additional species from North America, South America and Japan (Homoptera: Coccoidea: Pseudococcidae). Hilgardia 35: 211-272.

1967 Mealybugs of California, with taxonomy, biology and conrol of North American species. Univ. California Press (Berkley and Los Angeles). 525.

Mendal, Z., Podoler, H., and Rosen, D.

1990 Analysis of the gut contents of predators, in Rosen, D. Editer, Armored scale insects,

Vol. B: 298-290.
Merrill, G. B.
1953 A revision of the scale insects of Florida. Florida State Plant Bd. Bull. I: 1-143.
Miller, D. R.
1973 *Brevennia rehi* (Lindinger) a potential pest in the U. S. (Homoptera: Coccoide: Pseudococcidae). Proc. Entmol. Soc. Wash. 75: 372.
1990 Phylogheny. in Rosen Editer, Armored scale insects, Vol. A: 169-178.
Miller, D. R., and Davidson, J. A.
1990 A list of the armored scale insect pests, in Rosen, D. Editer, Armored scale inses, Vol.B:299-306.
Miller, D. R. and Kosztarab, M.
1979 Recent advances in the study of scale insects. Ann. Rev. Entomol. 24; 1-27.
Moffitt. L. J., and Baritelle, J. L.
1990 Economic thresholds, in Rosen, D. Editer, Armored scale insects, Vol. B:357-362.
Morrison, H.
1920 The nondiaspine Coccidae of the Philippine Islands with descriptions of apparently new species. Philippine Jour. Sci., 17: 147-203.
1928 A classification of the higher groups and genera of the coccid family Margarodidae, U. S. Dept. Agr. Tech. Bull. 52: 1-239.
1952 Classification of the Ortheziidae, supplement to classification of scale insects of the family Orthezziinae. U.S. Dept. Agr. Tech. Bull. 1052: 1-80.
Morrison, H., and Morison, E.
1922 A redescription of the type species originally described by Maskell. U. S. Natl. Mus. Proc. 60, Art. 12 (No. 2407): 1-120.
1962 A selected bibliography of the Coccoidea, First Supplement. U. S. Dept.Agr. Misc. Publ.: 987: 1-44.
1966 An annotated list of generic names of the scale insects (Homoptera: Coccoidea). U.S. Dept. Agr. Mis. Publ. 1015:1-206.
Morrison, H. and A. V. Renk
1957 Selected bibliogaphy of the Coccoidea. U. S. Dept. agr. Misc. Publ. no. 734: 1-222.
Murakami, Y.
Muralsyrmi, Y.
1970 A review of biology and ecology of diaspine scale in Japan (Homoptera: Coccoidea). Mushi 43: 65-114.1970.
Nagarkatti, S., and Sankaran, T.
1990 Diaspidid pest problems and control in crops: Tea, in Rosen, D. Editer, Armored scale isects, Vol. B. 553-562.
Noyes, J. S.
1990 Parastes: Encyrtidae, in Rosen, D. Editer, Armored scale insects, Bol. B: 133-166.
1990 Chalcid parasitoids, in Rosen, D. Editer, Armored scale insects,vol. B:247-262.
Nur, U.
1990 Chromosome, sex-ratios, and sex determination. in Rosen, D.Editer. Armored Scale Insect, Vol. A.:179-190.
1990 Parthenogensis. In Rosen, D. Editer, Armored scale insects, Vol.A.: 191-11197.
1990 Studying chromosomes, in Rosen, D. Editer, Armored scale insects, Vol. A: 367-370.
O'Connor, B. M., and Houck, M. A.
1990 Mites, in Rosen, D. Editer, Armored scale insects, Vol. B: 243-245.
Oguma, K.

1919 A new scale insect, *Xylococcus alni*, on alder, with special reference to its metamorphosis and anatomy. Hokkaido Imp. Univ. Col. Agr. Jour. 8: 77-109.

1926 On the nomenclature of the alder scale. Insecta Matsumurâna 1: 101-102.

Paik, W. H.

1972 Scale insects found in the greenhouses in Korea, Korean J. plant Prot. 11(1): 1-4. (In Korean, English sumary)

1978 Scale Insects of Korea, Illustrated Flora and Fauna of Korea Vol. 22 Insecta (6): 1-481 (In Koean)

Palmer, J.M., and Mound, L.A.

1990 Thysanoptera. in Rosen, D. Editer Armored scale insects, Vol. B: 67-76.

1990 THysanoptera, in Rosen, D. Editer, Armored scale insects Vol. B: 241-242.

Qin, T. K., Gullan, P. J.

1991 A new species of *Kilifia* de Lotto from Guizhou, China (Homoptera: Coccidae), Entomotaxonomia 13 (1) : 231-24, illustr. (In Chinese with English summary)

Riehl, L. A.

1990 Control chemicals, in Rosen, D. Editer, Armored scale insects Vol. B: 365-392.

Robinson, E.

1917 Coccidae of the Philippine Islands. Philippine Jour. Sci. 12: 1-47.

Rose, M.

1990 Techniques, Sampling for natural enemies, in Rosen, D. Editer, Armored scale insects, Vol. B: 229-234.

1990 Rearing and mass rearing of natural enemies, in Rosen, D. Editer, Armored scale insects, Vol. B: 263-287.

1990 Augmentation of narural enemies: Periodic colonization of natural enemies, in Rosen, D. Ediiter, Armored scale insects, Vol. B:433-440.

1990 Diaspidid pest problems and control in crops, in Rosen, D. Editer, Armored scale insects, citrus, Vol.B: 535-541.

Rose, M., and DeBach, P.

1990 Foreign exploration and importation of natural enemies, In Rosen, D. Editer, Armored scale insects, Vol. B: 417-431.

Rosen, D.

1990 Armored scale insects , their biological, natural enemis and control, vol. A and B. Elsevier Science publishers B. V. Sara Burgerhartdtraat 25. P. O. Box 211, 1000 AE Amsterdam, The Netherlands

1990 Biological control: Introduction, in Rosen, D. Editer, Armored scale insects, Vol. B: 413-415.

1990 Biological control: Selected case histories, in Rosen, D. Edter, Armored scale insects, Vol. B: 497-505.

1990 Integrated pest management: IPM: Background and general methodology, in Rosen, D. Editer, Armored scale insects, Vol. B: 515-517.

Rosen, D., and DeBach, P.

1990 Ectoparasites, in Rosen, D. Editer, Armored scale insects, Vol. B: 99-120.

Rossler, Y., and Rosen, D.

1990 A case history: IPM on citrus in Israel, in Rosen, D. Editer, Armoed scale insects, Vol. B: 519-526.

Russell, L. M.

1941 A classification of the scales insect genus *Asterolecanium* U. S. Dept. agr. Misc. Publ.no. 424: 1-319.

1970 Aditions and correction to an annotated list of generic names of scale insects.

Supplement. U. S. Dept. agr. res. Serv. Misc. Publ. no. 15: 1-13.
Russell, L. M., Kosztarab, M., and Kosztarab, M. P.
1974 A selected bibliogaphy of the Coccoidea. Second supplement. U. S. Dept. Agr. misc. Publ. 1281: 1-122
Sanders, J. G.
1906 Catalogue of recently described Coccoidae, U. S. Dept. agr. Bur. Ent. Tec.er. 12:1-18.
1909 Catalogue of recently described Coccidae 2. U. S. Dept. agr. Bur. Ent. tech. Ser. 16: 33-60.
1911 Catalogue of recently described Coccidae 3. U. S. Dept. agr. Bur Ent. Tech. Ser. 16; 61-74.
1912 Catalogue of recently described Coccidae 4. U. S. Dep. agr. Bur. Ent. Tech. Ser. 16; 83-97.
1915 Catalogue of recently described Coccidae 5. Ent. Soc. Wash. Proc., 17; 25-38.
Sankaran, T.
1962 The external characters of the post-larval stages of the wax scale *Ceroplastes pseudocerciferus* Green (Hemiptera: Coccidae). Indian Jour. Ent. 26: 1-18.
Sasaki, C.
1894 On the scale insect of mullbery trees (*Diaspis patelliformis* n. sp.). Bull.Agr. Coll. Tokyo 2: 107-125.
1904 On the wax-producing coccid *Ericerus pela* Westwood. Bull. Agr. Coll. Tokyo 6: 1-14.
Shiao, S. N.
1977 Bionomics of the Camellia scale, *Pseudaonidia dupex* (Cockerell), in northern parts of Taiwan, 1. Life-history and mortality factors, Plant Prot. Bull. Taiwan 19 (2): 65-77, illustr. (In Chinese with English summary)
Shiau, Y. C.
1990 Archaeococcodea of Taiwan (Homoptera: Coccoidea), Graduate Institue of Plant Pathology and Entomology, National Taiwan University Thesis: 1-129. (In Chinese with English summary).
Shiraiwa H
1938 Descriptions of two new coccids from Japan. Kontyu 12: 106-110.
1939 Notes on and descriptions of the coccids from Southern Saghalien. Kontyu 13: 63-75.
1939 Two new scale insects from Japan. Kansai Ent. Soc. Trans. 9: 16-18.
Shiraki, T.
1934 Insect pests of citrus trees in Formosa 1. J. Soc. trop. agr., Formosa 6: 29-36.
Silvestri, F.
1924 Descrizione di un novo generere di Coccidae (Hemiptera) mirmecofilo della Cina. Bull. Lab. zool. gene. agaria 18; 271-275.
1927 Contributions to knowledge of myrmecophilus and termitophilous arthropod of China and Formosa. China Jour. 7: 252-254.
1929 Preliminary report on the citrus scale insects of China, Trans. 4th internat. Congr. Ent., Ithaca, 2; 897-904.
1938 Descrizione di un nuovo genere di Margarodinae (Insecta, Coccidae) della Cina. Notes d"Ent. Chinoise, 5 (3): 21-27.
Stannard, L. J.
1965 Polymorphism in Putnam, scale *Aspidiotus ancylus* (Homoptera: Coccoidea). Ent. Soc. Amer. Ann. 58: 573-576.

Steinweden, J. B.
1946 The identity of certain common American species of *Pulvinaria* (Homoptera: Coccoidea: Coccidae). Microentomology 11: 2-28.
Stoezel, M. B., and Davidson, J. A.
1971 Biology of the Obscure scale *Melanaspis obscura* (Hom.: Diaspididae), on pine oak in Maryland. Ent. Soc. Amer. Ann. 64: 45-50.
Su, T. H.
1982 List of the mango Cocooidea (Homoptera: Sternorrhyncha) in Taiwan, Proceedings Natn. Sci Coun. Repub. China 6(1): 60-62, (In English with Chinese summary)
Tachikawa, T.
1962 Scale insects of Shikoku, II. (Homoptera: Coccidae) Trans Shikoku Ent. Soc. 7: 77-78.
1971 Scale insects of Shikoku, III. (Homoptera: Coccidae). Trans. Shikoku Ent. Soc. 11: 34.
Takagi, S.
1956 Notes on the Japanese species of the genus *Pseudaulacaspis* Macgillvray, with description of a new pecies. Insecta Matsumurana 20: 45-47.
1956 Description of a new species *Parlatoria* Targioni (Homoptera: Coccoidea). Insecta Matsumurana 20: 45-47.
1956 Four new species of *Diaspidiotus* and *Quadraspidiotus* (Homoptera: Coccoidea). Insecta Matsumurana 20: 83-89.
1957 A revision of the Japanese species of the genus *Aspidiotus*, with description of a new species. Insecta Matsumurana 21: 31-40.
1958 New or little known scale insects of the tribe Aspidiotini, with a list of the genera and species occurring in Japan. Insecta Matsumurana 21: 121-131.
1959 Notes on the scale insects of the tribe Odonaspidini occurring in Japan (Homoptera: Coccoidea). Insecta Matsumurana 22: 92-95.
1959 A new species of the genus *Selanomphalus* Mamet from Japan. Insecta Matsumurana 22: 112-114.
1960 Two little-known Diaspididae from South-Eastern Asia (Homoptera: Coccoidea). Akitu 9: 77-79.
1960 A contribution to the knowlwdge of the Diaspididini of Japan (Homoptera: Coccoidea) Part I, Insecta Matsumurana 23 (2): 67-100.
1961 A conribution to the knowledge of the Diaspidini of Japan (Homoptera: Coccoidea) Pt.II. Insecta Matsumurana 24: 4-42.
1961 Some Diaspididae feeding on introduced conifers. Insecta Matsumurana 24: 42.
1961 A contribution to the kowledge of the Diaspidini of Japan, Homoptera: Coccoidea) Part III, Insecta matsumuran 24 (2): 69-103.
1962 A new scale insect injurious to conifers in Hokkaido, with description of a new genus (Homoptera: Coccoidea), Insecta Matsumurana 25: 46-48.
1962 Discovery of *Lepidosaphes folicola* Borchsenius in Japan (Homoptera: Coccoidea) Insecta Matsumurana 25: 50-52.
1962 Records of some Diaspididae of Japan. Insecta Matsumutrana 25: 52.
1963 Nomenclature of a sacle insect. Insecta Matsumurana 25: 23.
1963 Discovery of *Duplaspidiotus claviger* in Japan (Homoptera: Coccoidea). Inescta Matsumurana 25: 123.
1963 Notes on the Aspidistrae - complex of *Pinnaspis*, with description of a new species (Homoptera: Coccoidea). Insecta Matsumurana 26: 64-64.
1963 Discovery of *Fiorinia externa* Ferris in Japan (Homoptera: Coccoidea). Insecta

Matsumurana 26: 116-117.
1965 On the scale insects of the genus *Aulacaspis* from the Ryukyus (Homoptera: Coccoidea). Kontyu 33: 39-41.
1965 Three new scale insects of *Pinnaspis* (Homoptera: Coccoidea).Kontyu 33: 446-451.
1966 Records of some *Pinnaspis* - species of Japan. Insecta Matsumurana 28: 119-121
1966 *Aonidiella comperi* McKenzie from Formosa. Insecta Masumurana 25: 52.
1967 Examinations of the type slide of three Diaspididae described from Japan. (Homoptera: Coccoidea). Insecta Matsumurana 30: 52-55.
1969 Diaspididae of Taiwan based on material collected in connection with the Japan-U. S. co-operative science programme, 1965 (Homoptera: Cocooidea) Part 1. Insecta Matsumur., 32: 1-110.
1970 Diaspididae of Taiwan based on material collected in conneection with the Japan-U.S. co-operative science programme, 1965 (Homopera: Coccoidea) Part 2. Insecta matsumur. 33: 1-146.
1974 An approch the the *Hemiberlesia* problem (Homopter: Coccoidea), Insecta Matsumurana 3: 3-33.
1975 The *hori*-group of *Fiorinia* associated with Rhododendrons in East Asia (Homoptera: Coccoidea: Diaspididae) Insecta Matsumurana (N. S.) 6: 35-61.
1975 Coccoidea collected by the Hokkaido University Expending to Nepal Himalaya, 1968 (Homoptera), Insecta Matsumurana 6: 1-33.
1979 A further study on the *horii* - group of *Fiorinia* (Homoptera: Coccoidea: Diaspididae). Insecta Matsumurana New Series 16: 1-32.
1987 Notes on Beesoniidae (Homoptera: Coccidae), Insecta Matsumurana No. 37 1987: 27-41, illustr.
1987 Two new Parlatorine scale insects with Odonaspidine characters; the other side of the coin (Homoptera: Coccidoidea: Dispididae) Insecta Matsumurana No. 37: 1987: 1-25, illustr.
1990 Polymorphism. in Rosen, D., Editer. Armored scale insects Vol A: 59-64.

Takagi, S., and Howell, J. O.
1977 The genus *Quernaspis* a possible Asia-American element in incale insect biogeography (Homoptera: Coccoidea), Insecta Matsumurana (N. S) 11: 31-59.
1979 A further study on the hori-group of *Fiorinia* (Homoptera: Coccoidea: Diaspididae), Inscta Matsumurana (N. S.) 16: 1-32.
1985 The scale insect genus *Chionaspis*: A revised concept (Homoptera: Coccoidea: Diaspididae), Insecta Matsumurana (N. S.) 33: 1-77.
1988 A possible case of site-caused polymorphism in *Aulacaspis* (Homoptera: Coccoidea: Diaspididae), Insecta Matsumurana (N. S) 39: 49-63.
1989 A Diaspidine scale insect in convergence to the tribe Lepidosaphedini (Homoptera: Coccoidea: Diaspididae), Insecta Matsumura (N. S.) 42: 123-142.
1990 External morphology, The adult female. in Rosen, D. Editer, Armored cale insects Vol. A; 5-20.

Takagi, S., and Kawai, K.
1966 Some Diaspididae of Japan (Homoptera: Cocooidea). Insecta Matsumurana 28: 93-119, illus.
1966 The genera *Chionaspis* and *Pseudaulacaspis* with a criicim on Phenacaspis (Homoptera: Coccoidea). Insecta Matsumurana 30:29: 43 illus.
1967 The genus *Chionaspis* and *Pseudaulacaspis* with criticism on *Phenacaspis* (Homoptera: Coccoidea). Insecta Matsumurana 30: 29-43.
1971 Two new hypogeic mealybugs of *Rhizoecus* from Japan (Homoptera: Coccoidea).

Kontyu 39: 373-378.
1973 Discovery of *Protancepaspis* in Japan, with a review of the genus (Homoptera: Coccoidea) Kontyu 41: 44-52.
Takagi, S., and Tang, F. T.
1982 A new scale insect of the Quernaspis group (Homoptera, Coccoidea, Diaspididae) from China. Kontyu 50 (1): 100-103.
Takahashi, R.
1928 Coccidae of Formosa. Philipp. J. Sci. 36: 327-347.
1928 Coccidae of Formosa 2. Trans. nat. Hist. Soc. Formosa. 18: 253-261.
1929 Observations on the Coccidae of Formosa. Part 1. Dept.agr. Gov't. Res. inst. Formosa, Rept. 48: 1-41.
1930 Observations on the Coccidae of Formosa II. (Some Coccidae of Loochoo) Dept. Agri. Res. Inst. Formosa 48: 1-44.
1931 Some Coccidae of Formosa, Trans. nat. Hist Soc. Formosa 21: 1-5.
1931 Descriptions of some new Formosan Coccidae (Rhynchota). Bull. ent. Res. 22; 211-220.
1931 Records and descriptions of the Coccidae from Formosa. Part 1. J. Soc. trop. agr., Formosa 3: 377-385.
1932 Records and descriptions of the Coccidae from Formosa. Part 2. J. Soc. trop. agr., Formosa 4: 41-48.
1933 Observations on the Coccidae of Formosa. Pat 3. Dept. agr. Gov"t. Res. Inst. Formosa Rept 60: 1-64.
1934 Observations on the Coccidae of Formosa Part 4. Dept. agr. Gov"t Res. Inst. Formosa Rept. 63; 1-38.
1935 Observations on the Coccidae of Formosa Part 5. Dept. agr. Govit. Res. Inst. Formosa Rept. 66: 1-37.
1936 Some Coccidae from Formosa and Japan (Homoptera) 1. Mushi 9: 1-8.
1937 Some Coccidae from Formosa and Japan (Homoptera) 2. Mushi 9: 69-72.
1938 Some Coccidae from Formosa and Japan (Homoptera) 4. Mushi 12:42-45.
1939 Some Coccidae from Formosa and Japan (Homoptera) 5. Mushi 12:86-92.
1940 Some Coccidae from Formosa and Japan (Homoptera) 5. Mushi 18: 18-28.
1949 The lac insect, Japan Shelac insect company: 1-76. (In Japanese)
1952 Descriptions of five new species of Diaspididae from Japan, with notes on dimorphism in *Chionaspis* or *Phenacaspis* (Coccoidea. Homoptera) Res. Inst. Resources. Misc. Repts. 27: 7-15.
1953 Dimorphism in some species of *Chionaspis* or *Penacaspis* (Diaspididae, Coccoidea, Homoptera) Portici. Boll. del Lab. Zool. Gen. e Agr. "Filippo Silvestri" 33: 48-56.
1955 *Protopulvinaria* and *Luzulaspis* of Japan (Homoptera: Coccidae) Annot. Zool. Jap. 35-39.
1955 *Lecanium* of Japan (Homoptera: Coccidae) Shikoku Ent. Soc. Trans. 4: 69-78.
1955 Notes on the *Coccus* of Japan (Homoptera: Coccidae) Shikoku Ent. Soc. Trans. 4: 78.
1955 Key to the genera of Coccidae in Japan, with descriptions of two genera and a little-known species (Homoptera). Insecta Matsumura 19: 23-28.
1955 *Pulvinaria* of Japan (Coccidae, Homoptera) Kontyu 23: 148-154.
1955 *Lepidosaphes* of Japan (DIaspididae, Coccoidea, Homoptera). Univ. Osaka Prefecture, Bull. (ser. B) 5: 67-78.
1955 Some scale insects of the Loochoo Islands (Homoptera). Biogeog. Soc. Japan Bull. 16-19.

1956 *Pulvinaria* of Japan (Coccidae, Homoptera). Kontyu 24: 23-30.
1956 Some new and little-knowm species of Diaspididae from Japan (Coccoidea, Homoptera) Annot. Zool. Jap. 29: 57-61.
1956 Three new genera and a new species of Diaspididae from Japan. Insecta Matsumurana 20: 23-28.
1956 A new scale insect of *Asterolecanium* from Japan (Asterolecaniidae, Coccoidea, Homoptera). Akitu 5: 4-6.
1957 A new species of *Eriococcus* from Japan (Coccoidea, Homoptera) Akitu 6: 6-7.
1957 A new species of *Eriopeltis* from Japan (Coccoidea, Homoptera). Akitu 6: 65-66.
1957 Some Japanese species of Diaspididae (Coccoidea, Homoptera). Shikoku Ent. Soc. Trans. 5: 104-111.
1957 Key to genera of Pseudococcidae in Japan, with descriptions of three new species. Osaka (Prefecture) Univ. Bull. 7 (ser. B): 1-8.
1959 Two new genera of Coccidae (Homoptera) Kontyu 27: 74-76.

Takahashi, R., and Kanda, S.
1939 A new genus and species of Coccidae from Japan (Homoptera). Insecta Matsumurana 13: 52-55.

Takahashi, R and Tachikawa, T.
1956 Scale insects of Shikoku (Homoptera: Coccoidea). Shikoku Ent. Soc. Trans. 5: 1-17.

Takahashi, R., and Takagi, S.
1957 A new genus of Diaspididae from Japan (Cooidea, Homoptera) Kontyu 25: 102-105.

Takara, T., and Higashihirachi, S.
1964 Provisional list of Coccoidea (Homoptera) in the Ryukyu Islands. Jour. Okinawa Agri. 3: 1-17.

Tamaki, Y. Yushima, T., and Kawai, S.
1969 Wax secretion in a scale insect *Ceroplastes pseudoceriferus* Green (Homoptera: Coccidae) Appl. Ent. Zool. (Japan) 4: 126-134.

Tang, F. T.
1974 A preliminary report on the lac-insect fauna with description of a new species. Acta Entomol. Sinica 17 (20): 205-209. (In Chinese. English summary).
1977 The scale insects of horticulture and forest of China. Inst. Gardening-Forestry Sci. Shenyany, Liaoning, China 1: 259 pp. (in Chines).
1978 Discussion of Matsucoccus matsumurae (Kuw.) with a description of a new species. Acta Entomol. Sinica 2 (2): 164-170. (In Chines, English summary).
1980 Three new spcies of Diaspididae (Coccoidea, Homoptera) from China. Acta Entomol. Sinica 23 (2): 202-206. (In Chinese and English).
1981 A new genus and three new species of Dispididae from China. Entomotaxonomia 3 (1): 49-55. (In Chinese and English).
1983 The scales insects of horticulture and forest of China with description of 4 new genera and 13 species. Volume 1. Instiute of Gardening-Forestry Science of Shanyang, Liaoning 1977: 1-260, illustr. (In Chinese)
1983 Three new species of Diaspididae from *Keteleeria evelyniana* in vicinity of Kunming, Yunnan. Acta Zootaxonomia Sinica 8 (3): 301-306. (In Chinese, Emnglish summary).
1983 Improvement on slide technique for coccids. Kungcang Zhishi 20 (4): 1983: 186 (In Chinese)
1984 The scale insects of horticulture and forests of China. Shanxi Agric. Univ. Press

Taigu, Shanxi, China Res. Publ. 2 (2): 1-115. (In Chinese, English summary).

1984 Discovery of a new species of *Idiococcus* and discussion on the systematic status of this genus. in The sacle insects of horticulture and forest of China. Shanxi Agric. Univ. Press. Taigu, Shanxi. China Res. Publ. 2 (2): 116-121. (In Chinese and English) Also published in the Proc. 10th Int. Symp. Central European Entomofaunistics (Budapest. Hungary. Aug. 1983) p. 393-399.

1984 Observation on the scale insects injurious to forestry of North China, 1. Shanxi Agric. Univ. Press Taigu,Shanxi, China Res. Publ. 2 (2): 122-133.

1984 Observations on the scale insects injurious to forestry of north China. International Congr. Ent. 17 1984: 623.

1985 Discovery of a new species of *Idicoccus* and discussion on the systematic status of *Serrolecanium* and *Idiococcus* (Homoptera: Ccoccoidea: Pseudococcidae), Verhandlunegn int. Symp. Entomofaun. Mitteur. 10 1984: 393-399, illustr. (In English)

1985 A new genus and three new species of Diaspididae from China, Entomotaxonomia 3 (1) 1981: 49-55, illust. (In Chinese with English summary).

1986 The scale insects of hortiiculture and forest of China vol. 3. Shanxi Agricultural Univ. Press: 1-305, In Chinese with English summary).

1991 The Coccidae of China. Shanxi United Universies Press: 1-377. pl 1-84.

1992 The Pseudococcidae of China, Chinese Agricultural Science Technology Press, Biejing: 1-767, pl. 81.

Tang, F. T., and Hao, J.

1995 The Margarodiddae and others of China. Chinese Agricultural Science Technology Press, Beijing1-738, pl. 68.

Tang, F. T. Hao, J. J., Xie, and Yang, Y.

1990 Family group classification of Asiatic Coccidae (Homoptera Coccoidea: Coccidae) 75-77.in : Koteja, J. (Bd.1. Proceeding of the sixth international symposium of scale insects studies, Agriculturaal University Press, Cracow 1990: 1-162 (in English).

Tang, F. T. Hao, J. j. , Shi, G. I and Tang, Y.

1991 One newly found genus and three new species of *Diaspis* from China (Homoptera) Acta Ent. Sinica. 34 (4): 458-464 illustr. (In Chinese with English summary).

Tang, S. J. and *al.*

1991 Bionomics of *Chrysomphalus dictyospermi* (Morgan) and its control. Kunchong Zhishi 38 (3): 153, (In Chinese)

Tao, C. C. C. (Tao, C. C.)

1978 Check list and host plant index to scale insects of Taiwan. Republic of China. J. Agric. Res. Inst. China 27(2): 77-141.

1989 Coccid species list of Taiwan Provine, China. Taichung District Agricultural Experiment Sation Report 22: 57-70.

Tao, C, C., and Wong, C. Y.

1982 Description of a new genus and species of bamboo scale *Chuasipis shuichuensis* (Homoptera: Coccoidea; Diaspididae) from Taiwan. Quart. J. Taiwan Museum 35 (1/2): 123-125.

Tao, C. C. C., Woung, C. Y., and Chang, Y. C.

1983 Monograph of Coccidae of Taiwan, Repubic of China (Homoptera: Coccoidea) J. Taiwan Mus. 36 (1): 57-107.

Tu, W. G., Wu, W. J., and Lee. P. P.

1988 Planococcini of Taiwan (Homoptera: Pseudococcidae Annual of Taiwan Museum

31: 71-102. (In Chinese with English summary).

Varshney, R.K.

1976 A check list of insect parasites associated with Lac. Oriental Insects 16 (1): 55-78

1985 A review of Indian coccids (Homoptera: Coccoidea). Oriental Insects 19(1): 1-101.

1992 A check list of the scale insects and mealy bugs of South Asia. Part-1. Records of the Zoological Survey of India. Occasional paper no. 139.

Velasquee, F. J., and Rimando, L.

1969 A check list and host index of the armored scale insects of the Philippines (Diaspidae, Homoptera) Phlippine Ent. 1: 195-208.

Viggiani, G.

1990 Aphelinidae in Rosen, D. Editer, Armored scale insects Vol. B: 121-132.

1990 Hyperparasites in Rosen, D. Editer, Armored scale insects, Bol. B: 177-181.

Vinson, S. B.

1990 Potential for semiochemical manipulation of beneficial insects used to conrol scale insects, in Rosen, D. Editer, Armored scale insects, Vol.B: 453-459.

Wan, S. Y., Wan, M., and Young, B. L.

1987 Studies on a new pest of medical herb, *Mallococcus vitecicola* Young, n. sp. (Homoptera: Coccidae: Lecaniodiaspidae) Contr. Shanghai Inst. Entomol. 5 1985: 267-274, illust. (In Chinese with English summary).

Wang, S. J.

1982 Preliminary notes on *Unchionaspis bambusae* Cockerell, Kunchoung Zhishi 18 (4): 163-164, illustr. (In Chinese) Wang, T. C.

1974 Two new species of *Eriococcus* (Homoptera: Coccoidea0, Acta Entomol. Sinica 17 (3): 332-337.(In Chinese, English summary)

1976 Two new species of coccids on tea bush (Homoptera: Coccoidea) Acta Entomol. Sinica 19 (3) 342-344 (In Chinese and English).

1978 A new coccid of *Paraputo* (Homoptera: Coccidoidea) Acta Entomol. Sinica 21 (4) 451-416, (In Chinese, English summary).

1979 New species of scale insects from Xizang Acta Zootaxonomia Sinica 4 (3): 270-272. (In Chinese andEnglish)

1979 Description of a new species of *Paroudablis* (Homoptera: Coccoidea) Acta Entomol. Sinica 22 (40): 460-461 (In Chinese, Russian summary).

1980 Handbook for the determination of the common coccid. Chinese Acad. Sci., Science Publ. 252 pp. (in Chines).

1981 Homoptera: Coccoidea. Insects of Xizang 1 (10): 283-294. (In Chinese, English summary).

1981 A mounting method for Coccoidea. Insect Knowldge 18 (2): 91. (In Chinese).

1982 Description of a new genus and a new species of Lecanodiaspidae (Homoptera: Coccoidea). Acta Entomol. Sinica 25 (1): 85-88. (In Chines, English summary).

1982 A study of the Chinese *Paraputo* and *Heliococcus* with description of a new species (Homoptera: Coccoidea: Pseudococcidae) Acta Entomol. Sinica 25 (3): 315-320. (In Chinese, English summary.

1982 A new species *Eriococcus* from Zhejiang, China (Homoptera; Coccoidea) Acta Entomol. Sinica 25 (4): 441-442 (In Chinese, English summary).

1982 The scale insects of agriculture regions from China (Homoptera: Coccoidea) Agric. Publ. House, Peking, China. 276 pp. (In Chinese).

1985 A new species of *Formicoccus* Takahashi from China (Homoptera: Pseudococcidae). Acta Entomol. Sinica. 28 (4): 444-446.

1985 A new species of *Paratachardina* Balachowsky (Hemiptra: Coccidae), Acta ent. Sin.

29 (2): 196-198, illustr.

1986 The distributional region of *Matsucoccus* Cockerell and the phytogeographical regions of their hosts (Homoptera: Coccoidea), Sinozoologica 4 1986:225-282, illustr. (In Chinese with English summary).

Wang, T. C., and Qiu, Y. Y.

1986 Two new coccids of horticulture from China (Homoptera: Coccidae), Act. ent. Sin. 29 (30; 302-305, illuustr. (In Chinese with English summary)

Wang, T. C., Yao, T. F., Teul, S. Y., and Liang, Z.

1982 A new species of *Laccifer*, with preliminary studies on the biological characteristics (Homoptera: Coccoidea: Lacciferidae) Sci. Silvae Sinica 18 (1): 53-57. (In Chinese, Englsh summaery).

Wang, T. C., and Zhang, X. J.

1990 A new species of *Trionymus* Berg on Zea mays L.. from China (Homoptera: Coccoidea: Pseudococcidae).Acta Entomol. Sin.33 (4): 450-452, illustr. (In Chinese with English summary)

1994 A new species of the genus *Nipponaclerda* Ma Connell (Homoptera: Acleridae), Acta Entomologica Sinica 37 (1): 94-96, illustr. (In Chinese with English summary).

1994 A new species of the genus *Diaspidiotus* Cockerell (Homoptera: Coccoidea, Diaspididae), Acta Zootaxonomia Sinica 19 (3): 326-328, illustr. (In Chinese with English summary).

1994 Homoptera: Coccoidea. 404-408. In: Chen, S. [Ed.} Insecta of the Hengduan Mountain region, Volume 1. Science Press, Beijing, 1992; 1-xii, 1-865. (In Chinese with English summary)

Wang, T. Y.

1982 A preliminary study on *Erioococus.*, Kunchong Zhishi 18 (2): 1981: 57-58, illustr. (In Chinese).

Wang, X. M.

1985 Study on the natural enemies of *Eulecanium kuwanai* Kanda, Beijing utila (*Beinjina utila* Yang). Kubgchong zhishi 22(3): 1985: 119-120, illustr. (In Chinense)

Wang, W. Z. and *al.*

1982 Preliminary reports on bionomics of *Pineus* sp., Kunchong Zhishi 19 (6) 1982: 26. (In Chinese).

Wang, Z. Q.

1982 Economic insect fauna of China (Homoptera; Pseudococcidae). Sci Press, Beijing, China 24: 119 pp. (In Chinese).

Wilkey, R. F.

1990 Collection, Preservation and microslide mounting, in Rosen, D. Editer, The armored scales, Vol. A: 345-352.

Wilkey, R. F., and McKenzie, H. L.

1962 Systematic status of the *Pseudococcus maritimus malacearym* complex of mealybugs. Calif. Dept. Agr. Bull. 50: 245-249.

Williams, D. J.

1958 The mealybugs (Pseudococcidae: Homoptera) described by W. M. Maskell, P. Newstead, T. D. A. Cockerell and E. E. Green from the Ethiopian region> Brit. Mus. (nat. Hist) Ent. Bull. 6: 206-236.

1958 The mealybugs (Pseudococcidae- Homoptera) described by W, J. Hall, F. laing and A. H. Striland from the Ethiopian region. Brit. Mus. (Nat. Hist.) Ent. Bull. 7: 1-37.

1962 The British Pseudococcidae (Homoptera: Coccoidea). Brit. Mus. (Nat. Hist.) Ent. Bull. 12: 1-79.

1963 Synoptic revision of I. *Lingingaspis* and II., and*aspis* with two new allied Genera (Hemiptera: Coccoidea) Bull. British Museum (Natural History) Entomology Vol. 15 (1): 1-31.

1969 A new name for *Mytilaspis pallida* Gree (Hemiptera: Coccoidea). Entomologist'man Mag. 105: 60-61, 114.

1969 The family-group names of the scale insects (Hemiptera: Coccoidea), Bull. British Museum (Natural History) Entomology Vol. 23 (8): 317-341.

1970 The mealybugs (Homoptera, Coccoidea, Pseudococcidae) of sugar-cane, rice and sorghum. Bull. ent. Res. 60: 109-188.

1971 On the taxonomy of two Diaspididae (Homoptera: Coccoidea) from Hongkong. Bull. Entomol. Res. 60(3): 447-452.

1971 Synoptic discussion of *Lepidosaphes* Shimer and its allies with a key to genera (Homoptera, Coccoidea , Dispididae), Bull. ent. Res. 61: 7-11.

1971 On the taxonomy of two Diaspididae (Homoptera, Coccoidea) from Hong Kong, Bull. ent. Res. 60: 447-452.

1974 The type species of *Liningaspis* MacGillivray (Homoptera: Coccoidea: ispididae), J. Ent. (B) 42 (2):217-220.

1978 The anomalous ant-attended mealybugs (Homoptera: Pseudococcidae) of southeast Asia. Brit. Mus. (Nat. Hist.) Ent. Bull. 37: 1-72.

1988 The scale insects of the Tropical South Paciific Region Part 2. The mealybugs (Pseudoccidae). C.A.B International Institute of Entomology:1-260.

1990 The scale insects of the Tropical South Pacific Region Part 3. The soft scales (Coccidae) and other families C.A.B International Institute of Entomology: 1-267.

Williams, D. J., and de Willink, M. C. G.

1992 Mealybugs of Central and South America, C.A.B International: 1-635.

Williams, J. R. Greathead, D. J.

1990 Diaspidid pest problems and control in crops: Sugar cane, in Rosewn, D. Editer, Armored scale insects, Vol. B:563-578.

Williams, M., and Kosztarab, M.

1972 Morphology and systematics of the Coccidae of Virginia, with notes on their biology (Homoptera: Coccoidea), Virginia Polytechnic Inst., and Univ., Res. Div. Bull. 14: 1-215.

Woolley, J. B.

1990 Signiphoridae, in Rosen, D. Editer, Armored scale insects, Bol. B: 167-176.

Wu, C. F.

1935 Catalogue Insectrum Sinesium - Coccidae 2. 169-247.

Wu, S. J.

1983 A new species of the genus *Bambusaspis* (Homoptera: Coccoidea) Acta Entomol. Sinica 26 (2): 209-211. (In Chinese, English summary).

1983 A new species of *Bambusaspis* (Homoptera: Coccoidea). Acta Entomol. Sinica 26 (4): 428-430. (In Chinese, English summary)

1983 Studies on the bionomics and control of *Bambusaspis hemisphearica* Kuwana, Kunchong Zhishi 20 (2):1983: 77. (In Chinses)

1984 A new species of *Serrolecanium* (Homoptera: Coccoidea). Acta Entomol. Sinica 27 (2): 226-228.

1986 A new species of the *Kuwanaspis* (Homoptera: Coccoidea). Act. ent. Sin. 29 (3):

306-307, illustr. (In Chinese with English summary)

1992 A new species of *Bambusaspis* (Homoptera: Coccoidea) Acta Entomol. Sinica 35 (1): 75-77, (In Chinese with English summary).

Xie, G. L., and Yan, A. J.

1983 Studies on the bamboo scale *Nesticoccus sinensis* Tang, Acta Entomol. Sinica 26 (3)> 268-277. (In Chinese, English summary).

Xie, X. X.

1985 A preliminary study on *Eulecanium gigantea* Shinji Sci Silvae Sinicae 21 (1): 44-52.

Xu, G. T.

1981 A new species of *Paralepidosaphes* on garden trees from China (Homoptera: Diaspididae). Entomotaxonomia 3 (2): 133-135. (In Chines, English summary).

1981 Study on *Insulaspis pini* (Mask.) (Homoptera: Diaspididae). Sci Silvae Sinicae 17 (3): 314-316. (In Chinese, English summary).

Xu, M., and Shi, Y.

1992 A new species of *Asterococcus* from China (Coccoidea: Cerococcidae), Entomotaxonomia 14 (3): 183-186 (In Chinese with English summary).

Yang, C.K.

1979 Studies on Margaodidae (Homoptera: Coccoidea) Entomotaxonomia 1(1): 35-48.

Yong, B.L.

1979 On the identification of *Matsucoccus matsumurae* (Kuwana) (Homoptera: Coccoidea: Margarodidae) from China. Acta Entomol.Sinica 22 (1): 108-114. (In Chinse, English sumary).

1980 On *Matsucoccus* Cockerell (Coccoidea: Margarodidae) with description of a new genus Contr. Shanghai Inst. Entomol. 1: 183-189 (In Chinese and English).

1982 Synopsis of Chinese scale insects. Shanghai Sci., and Tech Publ. Co. 425 pp. (In Chinese).

1985 A new *Neoparlatoria* (Diaspididae, Coccoidea) from Yunnan. Contr. Shanghai Inst. Entomol. 5:259-261. (In Chinese, English ummary)

1987 On the genus *Sonsaucoccus* Young (Coccoidea: Margarodidae). Bull. Lab. Entomol. Agara Filippo Silvestri 43 (Suppl.) 1986 (1987): 45-48, illustr. (In English with Italian summary) (Bound with 43)

1987 A new *Neoparlatoria* (Diaspididae, Coccoidea) from Yunnan. Contr. Shanghai Intst. Entomol 5 1985: 259-262, illust. (In Chinese with English summary).

1987 New species of the genus *Fiorinia* Targionia (Coccoidea: Diaspididae) from China, Contr. Shanghai Inst. Entomol 7: 124-124, illustr. (In Chinese with English summary).

1987 Records on invasion of new foreign insect pests, Contr. Shanghai Inst. Entomol 7, 1987: 190. (In Chinese).

1988 Erratum, Contribution from Shanghai Institue of Entomology 8: 170, (In Chinese with English)

Yang, B. L., and Hu, J. L.

1980 Two new species of *Acanthomytilus* (Coccoidea: Diaspidiae). Contr. Shanghai Inst. Entomol. 1: 191-195. (In Chines and English).

1981 A new genus and three new species of Lepidosaphedini from China (Coccoidea: Diaspididae) Contr. Shanghai Inst Entomol. 2:209-214. (In Chinese, English summary)

1981 Three new species of *Andaspis* (Coccoidea: Diaspididae). Contr. Shanghai Inst. Entomol. 2: 215-220. (In Chinese, English summary).

1986 New genera and species of Diaspididae (Coccoidea) from Yunnan and Guizhou,

Contributions from Shanghai Institue of Entomology 6: 199-211, illustr, (In Chinese with English summary)

Yang, B. L., Hu, J.L., and Ren, Z. Y.

1976 Pine bast scales from China. Acta Entomol. Sinica 19 (2): 199-204. (In Chinese, English summary).

Young, B., and Lu D.

1988 A new scale insect on pine needles from Sichuan (Coccoidea: Diaspididae), Contribution from Shanghai Institue of Entomology 8: 189-192, illustr. (In Chinese with English summary).

Yang, B. L., Miller, D. R., and McClure, M. S.

1984 Attractivity of the female sex pheromone of Chinese *Matsucoccus matsumurae* (Kuwana) to males of *M. matsumurae* in Japan and to males of *M. resinosae* Bean and Godwin in the United States (Margarodidae, Coccoidea, Homoptera). Contr. Shanghai Inst Entomol. 4: 1-20 (In Chinese and English).

Yang, B.L., and Qi, Y. T.

1983 Application of sex pheromone to the identificaion of pine best scales (Margarodidae, Coccoidea) Contr. Shanghai Inst. Entomol. 3 (1982-1983): 273-278. (In Chinese, English summary).

Young, B. L., and Wang, J.Y.

1987 A new genus and species of Xanthophthalminae (Diaspididae, Coccoidea) Contr. Shanghai Inst. Entomol. 1984, illustr. (In Chinese with English summary).

Yang, S. P., and Kosztarab, M.

1967 A morphological and taxonomical study in the immature stages of *Antonina* and the related genera (Homoptera: Coccoidea). Virginia Polytech. Inst. Res. Div. Bul.1-73.

Yang, Xingchi

1995 A study on the life history of *Kerria chinensis* and its encrystation phenslogy [sic]. Forest Research 8 (1): 20-24, illustr. (In Chinese with English summary).

Zahradnik, J.

1990 Diaspidid pest problems and control in crops: Forests, Conifers, in Rosen, D. Editer, Armored scale insects, Vol. B: 633-644.

1990 Disapidid pest problems and control in crops: Other forests, in Rosen, D. Editer, Armored scale insects, Vol.B: 645-654.

Zhang, Z. S.

1992 A new species of *Metatarchardia* (Chamberlin) from China (Homoptera: Tachardidae), Oriental insects 26: 383-385, illustr.

1992 Description of a new genus and two new species of lac insects (Homoptera: Tarchardidae), Oriental insects 26: 386-390.

1993 Four new species fo lac insects of the genera *Metatardia* and *Kerria* from China (Homoptera: Tarchardiidae), Oriental insects: 27: 278-285, illustr.

Zhang, Z. Y.

1993 A new species of *Eulecanium* Cockerell (Homoptera: Coccidae), Acta Entomologica Sinica 36 4): 482-485, illustr. (In Chinese with English summary).

Zimmerman, E. C.

1948 Insects of Hawaii, Vol. 5. Homoptera: Sternorrhyncha. Univ. of Hawaii Press. Honolulu, 464 pp. (Coccoidea, p. 132-436).

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camelliae Signoret, 1869 *Aspidiotus* -725,
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formosana Takahashi, 1931 Neoparlatoria -790.
formosana Takahashi, 1935 Aonidia -561.
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hichiseisana (Takahashi, 1934) Nikkoaspis -801.
hikosana Takagi, 1961 Pinnaspis -885.
hikosani (Kuwana, 1902) Kuwanaspis -755.
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japonica Green, 1921 *Ceroplastes* -419.
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japonica Kuwana, 1902 Insulaspis -733.
japonica Newstwad, 1901 *Aclerda* -409.
japonica var. *darwiniensis* Takahashi, 1934 *Lopholeucaspis* -779.
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massonianae Tang, 1984 Hemiberlesia -723.
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mauritiense Mamet, 1936 *Lecanium* -432.
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maxima (Green, 1904) Megapulvinaria -472.
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Megacanthaspis Takagi, 1961. **-221.**
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Megalodiaspis Palmi,, 1915. **-211.**
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Melanaspis Cockerell, 1897. **-222.**
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miduensis Borchsenius 1959 Neopinnaspis -797.
miliaris (Boisduval, 1869, 1905) Bambusaspis -327.
miliaris var. *longum* Williams and Watson, 1990 *Bambusaspis* -343.
milleri Takahashi, 1939 Paralecanium -486.
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minor Green, 1919 Naiacoccus -130.
minor Maskell, 1897 *Ceroplastes* – 419.
minor Maskell, 1897 Fiorinia -688.
minusculus (Russell, 1941) Bambusaspis -329.
minusuculus (Borchsenius, 1946) Spinococcus -199.
minutus (Takahashi, 1930) Bambusaspis -330.
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miyamotoi Takagi, 1969 Neoparlatoria -793.
miyasakii Kuwana, 1907 Kermes -267.
Mizococcus Takahashi, 1928. **-57.**
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momi (Kuwana, 1931) Pseudaulacaspis -916.
mongolicus (Danzig, 1969) Chnaurococcus -71.
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